THE ESPLANADE, SURF BEACH

BASS COAST SHIRE COUNCIL

CONSTRUCTION NOTES

GENERAL

A1. The current Council specifications & standard drawings shall be read in conjunction with these drawings. Works shall be carried out to the satisfaction of the supervising engineer or his/her representative.

A2. Before commencement of works on trenches in excess of 1.5m deep, the civil contractors construction supervisor must be given notice in writing of such proposals to Worksafe Victoria in accordance with Part 5.1, Division 4 of the Occupational Health & Safety Regulations (2007) & undertake safety precautions in trenching operations in accordance with Work Safe Compliance Code - Excavation (2019)

A3. A planning permit is required prior to the removal of any vegetation.

A4. Inspections shall be arranged a minimum of 24 hours before with Councils Asset engineer. Work within road reserve will require TMP & MOA prior to works commencing, this is the responsibility of the contractor.

A5. The following represents the minimum number of Council Inspections and are considered hold points:
- Pre-Start for civil works.
- Pre-Start for landscaping works.
- Prior to covers being placed in pits.
- Prior to placement of kerb and channel.
- Prior to pouring footpath.
- At proof-rolling of sub-grade and pavement layers.
- Prior to placement of each pavement course.
- Prior to placement of the primer coat.
- Prior to the placement of first asphalt course or sealing.
- Prior to pouring concrete on large reinforced concrete structures.
- Prior to removal of native vegetation and other existing vegetation.
- Prior to planting (landscaping)

The following are witness points (Council are made aware of the works but works are not held up awaiting inspection).
- Prior to backfilling stormwater drains.
- Prior to backfilling subsoil drains.

48 hours notice is required for witness points.
Council will not accept any responsibility for works where an inspection is not undertaken with a council appointed representative.

A6. All plan dimensions are in metres unless otherwise noted.

A7. Levels are to A.H.D. and horizontal co-ordinates to an arbitrary datum taken from survey by Beveridge Williams Pty Ltd. As constructed drawings are to be oriented in accordance with GDA94 on MGA2020 zone 55.

A8. All earthworks shall be completed prior to commencement of drainage & sewer works.

A9. Where works are in the vicinity of existing services these services are to be located & the various authorities notified prior to the commencement of works.

SITE MANAGEMENT

B1. The contractor shall notify the Council & all service authorities. The contractor shall submit a project JSA to Council in writing, seven days prior to commencement of the works. All existing services in the vicinity of the works shall be located prior to commencement.

B2. The contractor shall ensure that no pollutant or sediment laden runoff is discharged directly or indirectly into any drains or water courses in accordance with the environmental management plan.

B3. The contractor shall ensure that all occupational health & safety procedures & requirements are compiled with.

B4. The contractor shall erect & maintain all shoring, planking & strutting, dewatering devices, barricades, signs, lights, etc., necessary to keep works in a safe & stable condition & for the protection of the public.

B5. All trees & shrubs shall be retained unless approval is given by Council's Landscape officer or removal has been granted in a planning permit.

B6. Disposal of excess spoil:- Truck route & disposal location shall be approved by Council's supervising engineer.

B7. Runoff from areas on which earthworks are carried out must be collected & treated to the satisfaction of the responsible authority by the use of open drains, filtration traps & retarding basins in the period between the commencement of construction works & the end of the maintenance period in accordance with the environmental management plan for the subdivision construction works.

B8. At completion, the entire site shall be cleaned, all rubbish removed & the site left in a clean & tidy condition to the satisfaction of the supervising engineer. No surplus trees, vegetation or other material is to be burnt on site.

B09. No topsoil shall be removed from the site without written permission from Council's supervising engineer.

ROADWORKS

C1. Unless shown otherwise, all areas shown on the drawings to be cut or filled shall be stripped of topsoil to a depth of 100mm. Upon completion of the bulk earthworks, the topsoil shall be spread to a depth of 100mm over the area & graded to finished levels shown on the drawings with a minimum slope of 1 in 150. All filling shall be compacted in maximum 150mm layers to min 95% of the maximum standard dry density per AS1289.5.1.1 (Standard Compaction) & test results forwarded to Council.

C2. All naturestrips & batters shall be covered with 100mm minimum depth topsoil & seeded with an approved seed & fertilizer mixture.

C3. All service trenches under footpath, vehicular crossings & kerb & channel shall be backfilled with 20mm Class 3 FCR. All service conduit trenches under road pavement shall be backfilled with compacted 20mm Class 2 FCR to subgrade level.

C4. Water conduits shall be 50ø Class 12 uPVC. Water conduits shall extend min 1.0m past the property boundary. Conduits shall be located as per the relevant authority drawings.

C5. Telecommunications conduits & cable ducts will be laid in trenches excavated & backfilled by the contractor. The contractor shall give the telecommunications area engineer 7 days notice prior to commencing work.

C6. CONDUITS
(a) Conduits under footpaths shall be 50ø uPVC 450mm deep extending 250mm either side of the path. The footpath above the conduits shall be marked with two contraction joints over the conduits 400mm apart.
(b) The contractor must construct conduits to accord with the given offset & ensure that the concreter marks the kerb & footpath exactly above the conduit.
(c) All service conduits under road pavements shall be laid at a minimum cover of 700mm (unstabilised subgrade) or 600mm (stabilised subgrade) below carriageway finished surface level.

C7. All electricity & telecommunications conduits shall be as specified on the relevant authority drawings. Road crossing locations shall be marked on the kerb for water, gas, electricity & telstra property services & house drains for each property.

C8. Electrical and Telecommunication distribution pits within footpaths are to be a minimum of 300mm within the edge of the path. Concrete is to be placed around distribution pits to a minimum depth of 200mm.

C9. 100ø agricultural drains shall be constructed behind all kerb & channel in accordance with IDM standard drawing SD145 & laid with the obvert 150mm below subgrade level, or at stabilised pavement subgrade level with clearance to all service conduits.

C10. The reinstatement & compaction of public authority service trenches shall be the contractor's responsibility.

C11. All PSMs shall be high stability to Land Department standard, levelled by a licensed surveyor, with results forwarded to Council.

C12. All conduit ends shall be plugged.

C13. Fill material under road pavement and footpaths shall be approved material & constructed in maximum 150mm layers with compaction achieving min 95% of the maximum standard dry density per AS1289.5.1.1 (Standard Compaction) at a moisture ratio of 90% to 110%.

C14. Treatment of soft spots shall be directed by Beveridge Williams & Co. No subgrade replacement works to be undertaken without prior consent from Beveridge Williams & Co.

C15. All linemarking & signage shall be in accordance with AS1742.1-2021 & AS1742.2-2022. Street signs shall be in accordance with BCSC requirements. All temporary warning signs used during construction shall be in accordance with AS1742-3-2019. All linemarking shall be Thermoplastic.

C16. The contractor shall note the existence of telecommunications, gas, power, water & any other services in the area prior to tendering / construction. Any disturbances to existing services, footpaths, etc. shall be rectified at the contractors expense.

C17. Tactile warning & directional tiles (TGSI) shall comply with BCSC requirements.

C18. Pram crossings shall be constructed in accordance with IDM standard drawing SD200. Joints in concrete shall be clear of proposed TGSIs.

C19. All footpaths are to typically be 125mm thick 25MPa concrete with SL72 mesh centrally located in accordance with IDM standard drawing SD205.

C20. Driveways to be constructed in accordance with the IDM standard drawings SD240 & SD245 unless otherwise noted.

C21. Concrete grade used for construction of pits shall be 25 MPa.

C22. A road occupation permit shall be required for any works undertaken in any existing public road reserve including crossover construction or service connections for drainage, power, telephone, water & sewerage or easement drainage works.

C23. All batters into lots at driveways shall be 1 in 10 max grade.

DRAINAGE

D1. All stormwater drains up to & including 750mm diameter shall be Class 2 Rubber Ring Joint reinforced concrete pipes unless shown otherwise.

D2. All drains beneath road pavement shall be backfilled with 20mm Class 2 FCR, compacted to min 95% of the maximum modified dry density per AS1289.5.2.1 (modified compaction). All other backfilling shall be compacted to min 92% of the maximum standard dry density per AS1289.5.1.1 (Standard Compaction). Drains behind the back of the kerb shall be backfilled with select fill. Compaction of the drainage line shall be 95% of AS1289.5.1.1 (Standard Compaction) & all test results shall be submitted to Council.

D3. All side entry pits except those located in low points shall be fluted.

D4. All drainage trenches shall be thrust bored or hand dug within 5.0m of the drip line of any tree to be retained.

D5. House drains shall be brought to the surface & capped. Drains within easements shall be provided with a grated inlet as per IDM SD520. Where not indicated, house drains are to be located 6m from the low side of a property boundary in the road reserve & 1m from the low side of a property boundary in an easement. All upstream stubs shall be capped.

D6. Pits shall be setout from details shown on the layout plan rather than from drainage longitudinal section chainages.

D7. Pit lids within road & municipal reserves shall be light weight fiberglass or equivalent.

D8. Pit floors shall be smoothly shaped from the inlets to the outlet for a height of 1/3 of the outlet pipe diameter at 1 in 1.

D9. The pipe configuration at pits shall be as shown on the layout plan.

D10. All proposed drainage stubs to be blanked off at end of pipe with timber planks to the satisfaction of the supervising engineer.

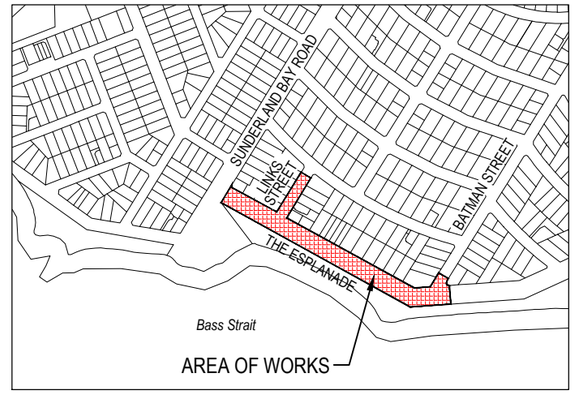
PAVEMENT

E1. The subgrades of all pavements shall be approved by the superintendent prior to placement of any subsequent pavement course. Proof rolling & compaction testing of each pavement layer shall be in accordance with AS3798 & AS1289 & shall meet the compaction as specified. Compaction test results shall be forwarded to the engineer & Council prior to placement of subsequent pavement layers. Where required the contractor shall provide additional tests to the engineers satisfaction.

DRAWING INDEX

DRAWING No.	TITLE	REVISION
2503125-00-001	COVER SHEET	P1
2503125-00-002	TYPICAL ROAD CROSS SECTIONS AND DETAILS	P1
2503125-00-010	LAYOUT PLAN (SHEET 1 OF 4)	P1
2503125-00-011	LAYOUT PLAN (SHEET 2 OF 4)	P1
2503125-00-012	LAYOUT PLAN (SHEET 3 OF 4)	P1
2503125-00-013	LAYOUT PLAN (SHEET 4 OF 4)	P1
2503125-00-050	PAVEMENT PLAN & PAVEMENT DETAILS	P1
2503125-00-100	ROAD LONGITUDINAL SECTIONS THE ESPLANADE (SHEET 1 O	P1
2503125-00-101	ROAD LONGITUDINAL SECTIONS THE ESPLANADE (SHEET 2 O	P1
2503125-00-102	ROAD LONGITUDINAL SECTIONS BATMAN STREET	P1
2503125-00-103	ROAD LONGITUDINAL SECTIONS LINKS STREET	P1
2503125-00-104	ROAD LONGITUDINAL SECTIONS CARPARK	P1
2503125-00-200	ROAD CROSS SECTIONS THE ESPLANADE (SHEET 1 OF 8)	P1
2503125-00-201	ROAD CROSS SECTIONS THE ESPLANADE (SHEET 2 OF 8)	P1
2503125-00-202	ROAD CROSS SECTIONS THE ESPLANADE (SHEET 3 OF 8)	P1
2503125-00-203	ROAD CROSS SECTIONS THE ESPLANADE (SHEET 4 OF 8)	P1
2503125-00-204	ROAD CROSS SECTIONS THE ESPLANADE (SHEET 5 OF 8)	P1
2503125-00-205	ROAD CROSS SECTIONS THE ESPLANADE (SHEET 6 OF 8)	P1
2503125-00-206	ROAD CROSS SECTIONS THE ESPLANADE (SHEET 7 OF 8)	P1
2503125-00-207	ROAD CROSS SECTIONS THE ESPLANADE (SHEET 8 OF 8)	P1
2503125-00-210	ROAD CROSS SECTIONS BATMAN STREET	P1
2503125-00-220	ROAD CROSS SECTIONS LINKS STREET (SHEET 1 OF 2)	P1
2503125-00-221	ROAD CROSS SECTIONS LINKS STREET (SHEET 2 OF 2)	P1
2503125-00-300	INTERSECTION DETAILS (SHEET 1 OF 4)	P1
2503125-00-301	INTERSECTION DETAILS (SHEET 2 OF 4)	P1
2503125-00-302	INTERSECTION DETAILS (SHEET 3 OF 4)	P1
2503125-00-303	INTERSECTION DETAILS (SHEET 4 OF 4)	P1
2503125-00-350	SIGNAGE & LINE MARKING PLANS (SHEET 1 OF 3)	P1
2503125-00-351	SIGNAGE & LINE MARKING PLANS (SHEET 2 OF 3)	P1
2503125-00-352	SIGNAGE & LINE MARKING PLANS (SHEET 3 OF 3)	P1
2503125-00-400	DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 3)	P1
2503125-00-401	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 3)	P1
2503125-00-402	DRAINAGE LONGITUDINAL SECTIONS (SHEET 3 OF 3)	P1
2503125-00-403	PIT SCHEDULE	P1

PSM/TBM SCHEDULE				
TBM	EASTING	NORTHING	LEVEL	DESCRIPTION
PM161	349792.997	5736383.623	18.920	PM
SB52	350257.398	5736385.795	22.380	RIVET
SB53	350190.920	5736293.039	23.340	STEEL PICKET
SB56	350339.497	5736322.550	22.930	STEEL PICKET
SB66	349928.132	5736574.978	19.340	RIVET
SB67	349884.138	5736509.023	19.330	RIVET
SB68	349814.228	5736378.566	18.900	NAIL
SB69	349945.282	5736414.833	19.330	STEEL PICKET
SB70	350010.130	5736517.361	19.310	STEEL PICKET
SB71	350070.360	5736453.343	19.600	NAIL
SB86	349680.618	5736400.162	19.910	STEEL PICKET
TBM10	350048.588	5736356.760	20.380	NAIL



SITE PLAN
SCALE 1:5,000 @ A1
MELWAY REF 933 E11

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

0 50 100 200 300 400
SCALE 1:5000 AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

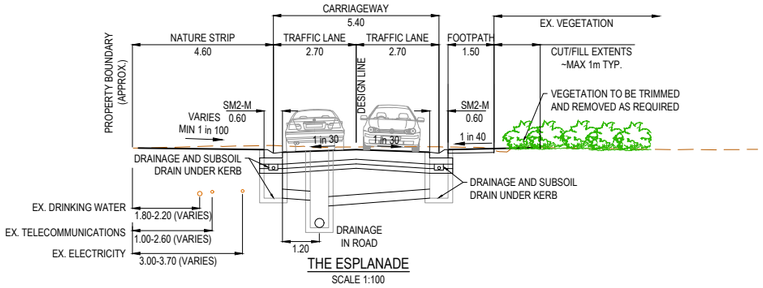
Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	THE ESPLANDADE, SURF BEACH STAGE 01 BASS COAST SHIRE COUNCIL
Drawing Title	COVER SHEET

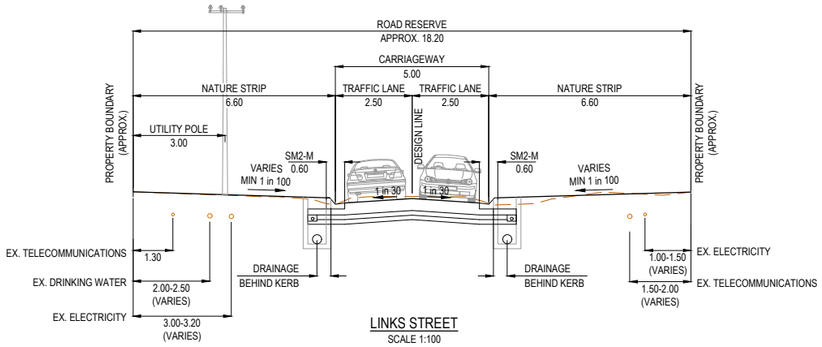
Sheet 01 of 34
Scale 1:5000 @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	001	P1

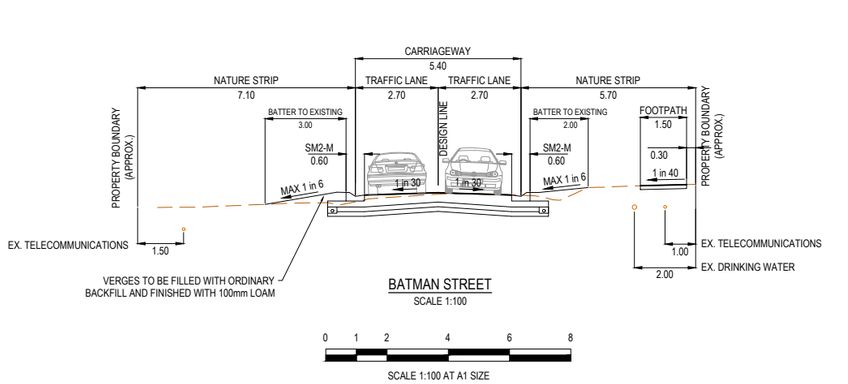
K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-001-COV.dwg



THE ESPLANADE
SCALE 1:100

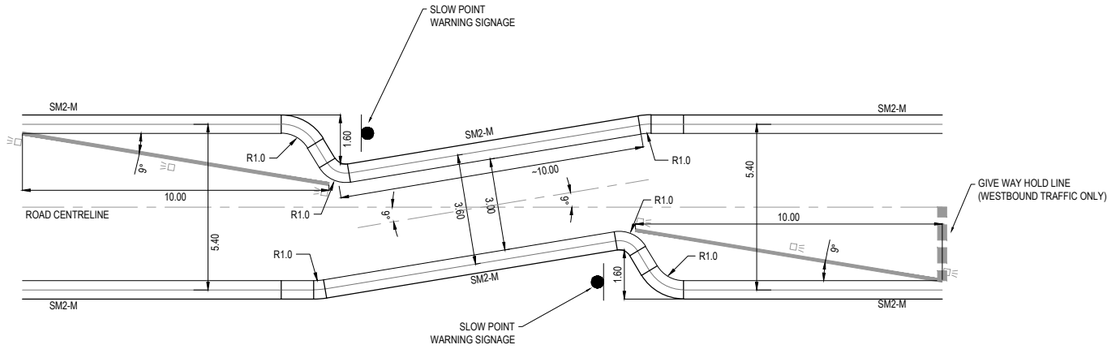


LINKS STREET
SCALE 1:100



BATMAN STREET
SCALE 1:100

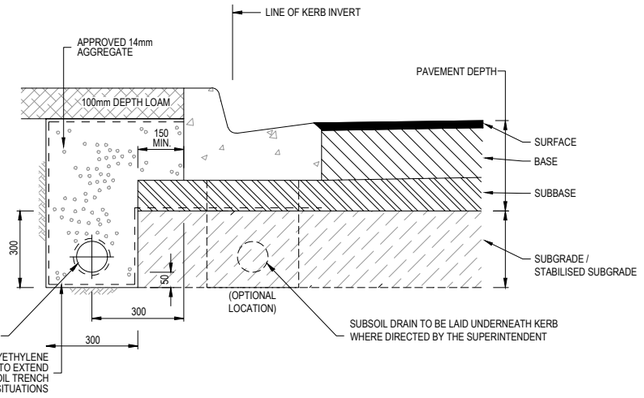
SCALE 1:100 AT A1 SIZE



SLOW POINT DETAILS
SCALE 1:100



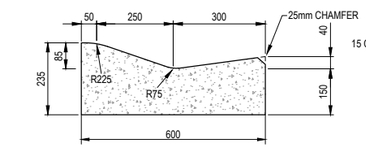
SCALE 1:100 AT A1 SIZE



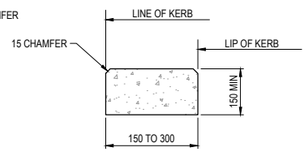
PAVEMENT LAYERS AND SUBSOIL DRAINAGE TYPICAL SECTION
REFER TO IDM SD145
NOT TO SCALE

NOTES:

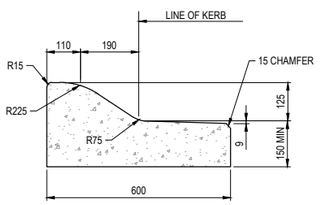
1. THE DRAINS SHALL BE LAID ON A GRADE PARALLEL TO THE FINISHED SURFACE.
2. FOR FLUSHOUT RISER DETAILS REFER TO STANDARD DRAWINGS SD525 & SD530.
3. WHERE THE SUBGRADE IS CLASSIFIED AS BEING EXPANSIVE, SUBSURFACE PAVEMENT DRAINS SHALL BE DESIGNED TO BE CONTAINED WHOLLY WITHIN THE CAPPING LAYER. IN ADDITION, NO PART OF THE SUBSURFACE DRAINAGE TRENCH SHALL BE LOCATED WITHIN 150 MM OF THE UNDERLYING SUBGRADE. IF NECESSARY, THE CAPPING LAYER MAY HAVE TO BE THICKENED TO SATISFY THIS REQUIREMENT.
4. WHERE REQUIRED BY PAVEMENT DESIGN, CAPPING LAYER OF LOW PERMEABILITY PLACED IMMEDIATELY BELOW THE PAVEMENT SUB-BASE TO MINIMISE CHANGES IN THE MOISTURE CONTENT IN THE MATERIAL BELOW THE CAPPING LAYER (REFER S204 VICROADS SPECIFICATION)



SM2-M SEMI-MOUNTABLE (MODIFIED) KERB & CHANNEL
SCALE 1:10



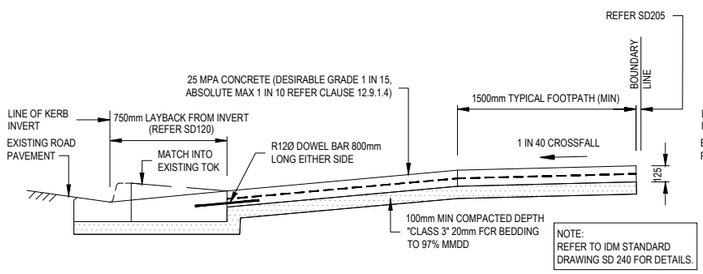
EDGE STRIP DETAIL
SCALE 1:10



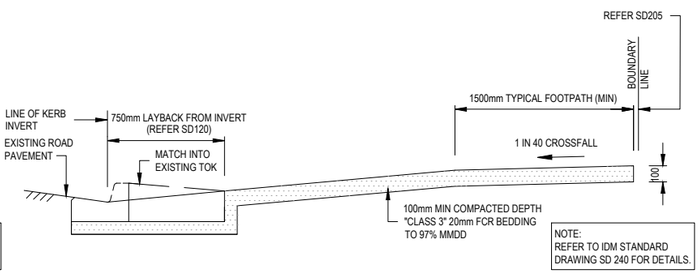
SM3 KERB DETAIL
SCALE 1:10



SCALE 1:10 AT A1 SIZE



RESIDENTIAL SINGLE VEHICLE CROSSING SECTION DETAIL (CONCRETE)
NOT TO SCALE



RESIDENTIAL SINGLE VEHICLE CROSSING SECTION DETAIL (CRUSHED ROCK)
NOT TO SCALE

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	THE ESPLANDADE, SURF BEACH STAGE 01 BASS COAST SHIRE COUNCIL
Drawing Title	TYPICAL ROAD CROSS SECTIONS AND DETAILS

Sheet	02 of 34		
Scale	AS SHOWN		
Project Ref	Stage No	Drawing No	Rev
2503125	00	002	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-002-DET.dwg

FOR CONTINUATION SEE SHEET 2503125-00-013

DOVER STREET

SUNDERLAND BAY ROAD

THE ESPLANADE

SEAVIEW CRESCENT

LINKS STREET

31
49
51
53
55
76C
12
10
8
6
4
2
1
3
5
7
9
76A
76

CLEAR OUT EXISTING SWALE AT THROAT OF CATCH PIT AS REQUIRED TO ENSURE STORM WATER FLOWS INTO CATCH INLET PIT

RAISE COVERS OF EXISTING PITS TO MEET NEW FINISHED SURFACE LEVELS AS REQUIRED

TIE IN NEATLY TO EXISTING PAVEMENT

RECONSTRUCT EXISTING PEDESTRIAN CROSSING TO SUIT NEW KERB

REMOVE EXISTING VEGETATION

REMOVE/REINSTATE EXISTING PATH IN DISCUSSION WITH PROPERTY OWNER

REMOVE EXISTING VEGETATION

SHAPE NATURE STRIP TO FALL FROM BACK OF KERB TOWARDS GRATED DRAINAGE PIT 01 AND EXISTING SWALE

CONSTRUCT NEW HAUNCHED GRATED DRAINAGE PIT TO IDM SD455 OVER EXISTING 1050Ø DRAINAGE PIPE

AS PER DRAINAGE MASTERPLAN FOR THE AREA, IF SUNDERLAND BAY ROAD IS TO BE UPGRADED, IT IS EXPECTED TO BE LOWERED.

PROPOSED CONDITIONS:
THE ESPLANADE OVERLAND FLOWS TO POND AT PIT 2 (RL 18.95) BEFORE SPILLING TOWARDS PIT 1 (RL 18.70), WITH EXCESS FLOWS FALLING SOUTH ALONG EXISTING SWALE

FUTURE CONDITIONS:
THE ESPLANADE OVERLAND FLOWS TO ENTER SUNDERLAND BAY ROAD

REGRADE EXISTING SWALE AS REQUIRED TO ENSURE SWALE IS FREE DRAINING ALONG SUNDERLAND BAY ROAD

TRIM EXISTING VEGETATION AS REQUIRED TO BE CLEAR OF NEW FOOTPATH

CONSTRUCT SINGLE LANE SLOW POINT WITH WARNING SIGNS

REGRADE EXISTING NATURE STRIPS FROM BACK OF KERB TO BOUNDARY LINE TO ACHIEVE PROPOSED ROAD LEVELS

REMOVE EXISTING VEGETATION

REMOVE EXISTING VEGETATION

CONSTRUCT NEW 1.5m WIDE CONCRETE PEDESTRIAN FOOTPATH

TRIM EXISTING VEGETATION AS REQUIRED TO BE CLEAR OF NEW FOOTPATH

AS PER DRAINAGE MASTERPLAN FOR THE AREA, IF SEAVIEW CRESCENT IS TO BE UPGRADED, IT IS EXPECTED TO BE LOWERED.

PROPOSED CONDITIONS:
LINKS STREET OVERLAND FLOWS TO ENTER EXISTING SEAVIEW CRESCENT SWALE. NOTE KERB INVERT LEVEL OF (RL 19.10) APPROX. 100mm HIGHER THAN EXISTING SWALE INVERT (RL 19)

FUTURE CONDITIONS:
LINKS STREET OVERLAND FLOWS TO ENTER SEAVIEW CRESCENT

UTILITY POLE

UTILITY POLE

UTILITY POLE

RESURFACE CRUSHED ROCK AS REQUIRED TO TIE IN NEATLY TO NEW ROAD ALIGNMENT AND LEVELS

CLEAR OUT EXISTING CULVERT AND LINKS STREET SWALES AS REQUIRED TO ENSURE STORM WATER FLOWS FREELY IN EXISTING SWALES

INDICATIVE FUTURE KERB RETURN ALIGNMENT SHOWN FOR INFORMATION ONLY

CONSTRUCT 150mm EDGE STRIP AT EXTENT OF ASPHALT WORKS

EXTENT OF VEHICLE CROSSING AND NATURE STRIP REGRADING SHOWN INDICATIVELY. EXTENTS TO BE CONFIRMED ON SITE AS PER DIRECTION FROM THE SUPERINTENDENT AND IN LIAISON WITH PROPERTY OWNERS

REMOVE EXISTING VEGETATION

CONTRACTOR TO PROTECT EXISTING ELECTRICAL CONDUIT RUNNING BEHIND PROPOSED KERB AS PER ELECTRICAL AUTHORITY SPECIFICATIONS

WARNING!

OVERHEAD ELECTRICITY LINES IN VICINITY.
CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works
BEFORE YOU DIG
www.byda.com.au

LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- HOUSE DRAIN
- BATTER EXTENTS
- OVERLAND FLOW
- LIMIT OF WORKS
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING STORMWATER DRAIN
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN

NOTES:
1. THE CONTRACTOR IS TO LIAISE WITH PROPERTY OWNERS TO ENSURE EVERY EFFORT IS MADE TO LOCATE ALL EXISTING HOUSE DRAIN CONNECTIONS. EXISTING HOUSE DRAIN CONNECTIONS INTO OPEN DRAINS ARE TO BE RECONNECTED TO NEW DRAINAGE PIPES AND PITS AS PER IDM SD 500 SERIES. IF NO EXISTING HOUSE DRAIN CONNECTIONS ARE FOUND, THE CONTRACTOR IS TO SUPPLY NEW HOUSE DRAIN CONNECTION AS PER IDM SD 500 SERIES. SOME ASSUMED HOUSE DRAIN LOCATIONS ARE SHOWN ON PLANS AS GUIDANCE.
2. EXISTING VEHICLE CROSSINGS TO BE REINSTATED TO SUIT NEW ROAD LEVELS WITH 'LIKE FOR LIKE' MATERIAL. EXISTING CULVERTS AND HEADWALLS UNDER VEHICLE CROSSINGS TO BE REMOVED AND DISPOSED OF OFFSITE
3. EXISTING UTILITIES SHOWN AS MIXTURE OF QL-A & B SERVICE PROVING INFORMATION. CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.

LEGEND:

- ROAD PAVEMENT - ASPHALT
- ROAD PAVEMENT - CRUSHED ROCK
- FOOTPATH
- VEHICLE CROSSING
- NATURE STRIP

FOR CONTINUATION SEE SHEET 2503125-00-011

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

NOTES:
1. PROPERTY BOUNDARIES NOT RE-ESTABLISHED. BOUNDARIES SHOWN INDICATIVELY ONLY FROM CADASTRAL INFORMATION
2. AERIAL IMAGERY SOURCED FROM NEARMAP, DATED 02 AUGUST 2025

0 2.5 5 10 15 20
SCALE 1:250 AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

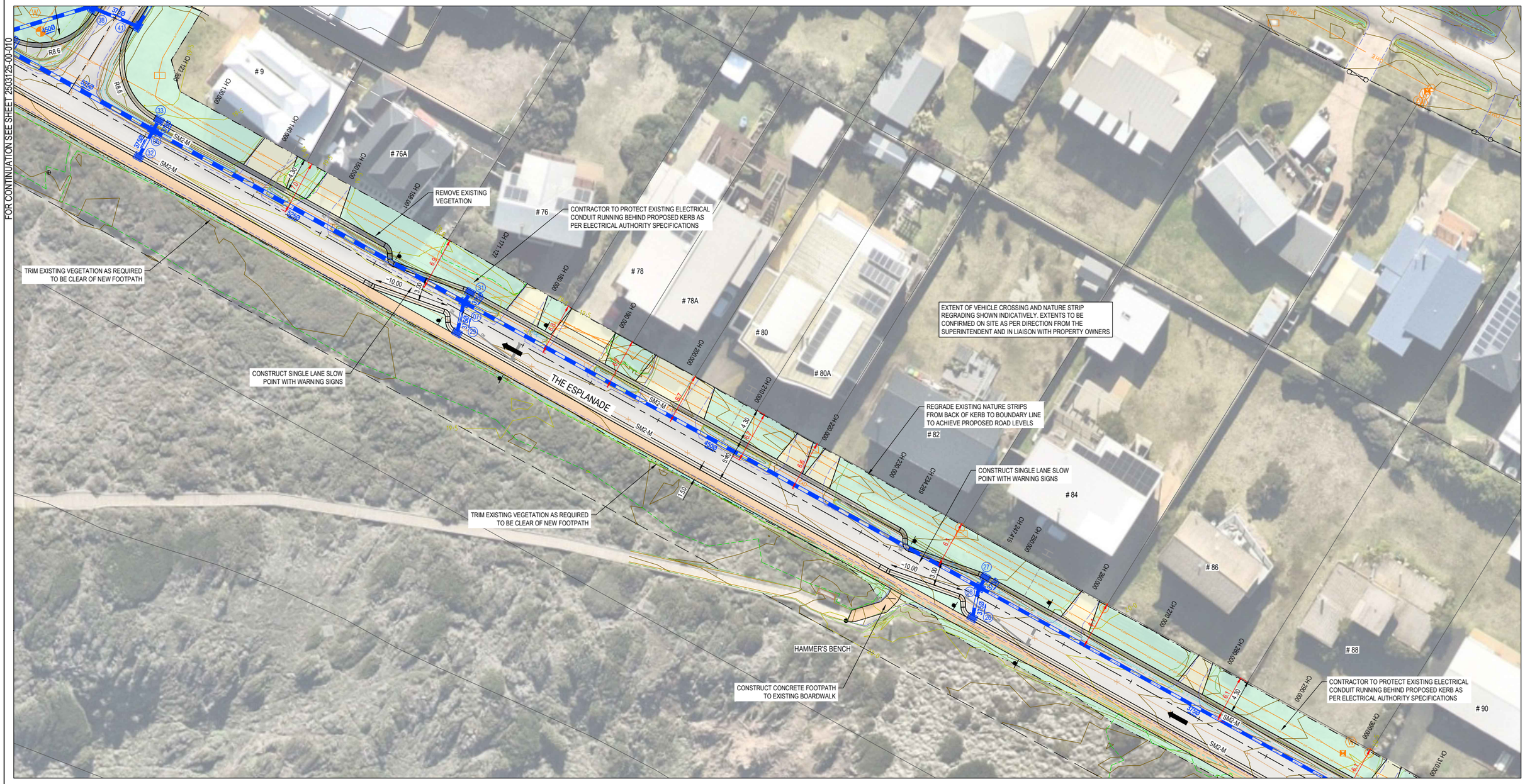
Drawing Title: LAYOUT PLAN
(SHEET 1 OF 4)

Sheet 03 of 34
Scale 1:250 @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	010	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-010-LAY.dwg

FOR CONTINUATION SEE SHEET 2503125-00-010



FOR CONTINUATION SEE SHEET 2503125-00-012

LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- HOUSE DRAIN
- BATTER EXTENTS
- OVERLAND FLOW
- LIMIT OF WORKS
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING STORMWATER DRAIN
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN

LEGEND:

- ROAD PAVEMENT - ASPHALT
- ROAD PAVEMENT - CRUSHED ROCK
- FOOTPATH
- VEHICLE CROSSING
- NATURE STRIP

NOTES:

1. THE CONTRACTOR IS TO LIAISE WITH PROPERTY OWNERS TO ENSURE EVERY EFFORT IS MADE TO LOCATE ALL EXISTING HOUSE DRAIN CONNECTIONS. EXISTING HOUSE DRAIN CONNECTIONS INTO OPEN DRAINS ARE TO BE RECONNECTED TO NEW DRAINAGE PIPES AND PITS AS PER IDM SD 500 SERIES. IF NO EXISTING HOUSE DRAIN CONNECTIONS ARE FOUND, THE CONTRACTOR IS TO SUPPLY NEW HOUSE DRAIN CONNECTION AS PER IDM SD 500 SERIES. SOME ASSUMED HOUSE DRAIN LOCATIONS ARE SHOWN ON PLANS AS GUIDANCE.
2. EXISTING VEHICLE CROSSINGS TO BE REINSTATED TO SUIT NEW ROAD LEVELS WITH 'LIKE FOR LIKE' MATERIAL. EXISTING CULVERTS AND HEADWALLS UNDER VEHICLE CROSSINGS TO BE REMOVED AND DISPOSED OF OFFSITE
3. EXISTING UTILITIES SHOWN AS MIXTURE OF QL-A & B SERVICE PROVING INFORMATION. CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.

WARNING!
OVERHEAD ELECTRICITY LINES IN VICINITY.
CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works
BEFORE YOU DIG
www.byda.com.au

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

NOTES:
1. PROPERTY BOUNDARIES NOT RE-ESTABLISHED. BOUNDARIES SHOWN INDICATIVELY ONLY FROM CADASTRAL INFORMATION
2. AERIAL IMAGERY SOURCED FROM NEARMAP, DATED 02 AUGUST 2025

0 2.5 5 10 15 20
SCALE 1:250 AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Date	05.05.2026
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: LAYOUT PLAN
(SHEET 2 OF 4)

Sheet 04 of 34
Scale 1:250 @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	011	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-010-LAY.dwg

FOR CONTINUATION SEE SHEET 2503125-00-011

CONTRACTOR TO PROTECT EXISTING ELECTRICAL CONDUIT RUNNING BEHIND PROPOSED KERB AS PER ELECTRICAL AUTHORITY SPECIFICATIONS

REMOVE EXISTING VEGETATION

TRIM EXISTING VEGETATION AS REQUIRED TO BE CLEAR OF NEW FOOTPATH

EXTENT OF VEHICLE CROSSING AND NATURE STRIP REGRADING SHOWN INDICATIVELY. EXTENTS TO BE CONFIRMED ON SITE AS PER DIRECTION FROM THE SUPERINTENDENT AND IN LIAISON WITH PROPERTY OWNERS

PROVIDE DRAINAGE STUB AND CAP END FOR POSSIBLE FUTURE EXTENSION

DRAINAGE TO CROSS UNDERNEATH EXISTING SERVICES

BATTER TO MATCH EXISTING TOP OF BANK

UTILITY POLE

CONSTRUCT SINGLE LANE SLOW POINT WITH WARNING SIGNS

DRAINAGE PIT TO HAVE HEAVY DUTY BOLT DOWN LID

SHAPE EXISTING GRAVEL PATH TO MEET NEW CONCRETE FOOTPATH LEVELS

TRIM EXISTING VEGETATION AS REQUIRED TO BE CLEAR OF NEW FOOTPATH

PROVIDE DRAINAGE STUB AND CAP END FOR POSSIBLE FUTURE EXTENSION

DRAINAGE PIT TO HAVE HEAVY DUTY BOLT DOWN LID

REMOVE EXISTING BOLLARDS AND REINSTALL BEHIND NEW FOOTPATH

REMOVE EXISTING VEGETATION AT CAR PARK ENTRANCE

CONSTRUCT 150mm EDGE STRIP AT EXTENT OF ASPHALT WORKS

RESURFACE CRUSHED ROCK AS REQUIRED TO TIE IN NEATLY TO NEW ROAD ALIGNMENT AND LEVELS

CONSTRUCT 150mm EDGE STRIP AT EXTENT OF ASPHALT WORKS

RESURFACE CRUSHED ROCK AS REQUIRED TO TIE IN NEATLY TO NEW ROAD ALIGNMENT AND LEVELS

REMOVE NATURE STRIP PLANTING AS REQUIRED TO ALLOW FOR NEW FOOTPATH CONSTRUCTION

SHAPE SWALE TO FALL TOWARDS NEW DRIVEABLE ENDWALLS

DRAINAGE PIT TO HAVE HEAVY DUTY BOLT DOWN LID

REMOVE EXISTING VEGETATION AT CAR PARK ENTRANCE

REMOVE EXISTING DRAINAGE CULVERTS

CONSTRUCT INLET CATCH PIT WITHIN EXISTING SWALE. RESHAPE EXISTING SWALE INVERT AS REQUIRED TO SUIT

PROVIDE NEW CULVERT FROM CAR PARK TO ROAD

THE ESPLANADE

BATMAN STREET

SURF BEACH CAR PARK

LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- HOUSE DRAIN
- BATTER EXTENTS
- OVERLAND FLOW
- LIMIT OF WORKS
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING STORMWATER DRAIN
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN

LEGEND:

- ROAD PAVEMENT - ASPHALT
- ROAD PAVEMENT - CRUSHED ROCK
- FOOTPATH
- VEHICLE CROSSING
- NATURE STRIP

NOTES:

1. THE CONTRACTOR IS TO LIAISE WITH PROPERTY OWNERS TO ENSURE EVERY EFFORT IS MADE TO LOCATE ALL EXISTING HOUSE DRAIN CONNECTIONS. EXISTING HOUSE DRAIN CONNECTIONS INTO OPEN DRAINS ARE TO BE RECONNECTED TO NEW DRAINAGE PIPES AND PITS AS PER IDM SD 500 SERIES. IF NO EXISTING HOUSE DRAIN CONNECTIONS ARE FOUND, THE CONTRACTOR IS TO SUPPLY NEW HOUSE DRAIN CONNECTION AS PER IDM SD 500 SERIES. SOME ASSUMED HOUSE DRAIN LOCATIONS ARE SHOWN ON PLANS AS GUIDANCE.
2. EXISTING VEHICLE CROSSINGS TO BE REINSTATED TO SUIT NEW ROAD LEVELS WITH 'LIKE FOR LIKE' MATERIAL. EXISTING CULVERTS AND HEADWALLS UNDER VEHICLE CROSSINGS TO BE REMOVED AND DISPOSED OF OFFSITE
3. EXISTING UTILITIES SHOWN AS MIXTURE OF QL-A & B SERVICE PROVING INFORMATION. CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.

WARNING!
OVERHEAD ELECTRICITY LINES IN VICINITY.
CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works
BEFORE YOU DIG
www.byda.com.au

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

NOTES:
1. PROPERTY BOUNDARIES NOT RE-ESTABLISHED. BOUNDARIES SHOWN INDICATIVELY ONLY FROM CADASTRAL INFORMATION
2. AERIAL IMAGERY SOURCED FROM NEARMAP, DATED 02 AUGUST 2025

0 2.5 5 10 15 20
SCALE 1:250 AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Date	05.05.2026
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

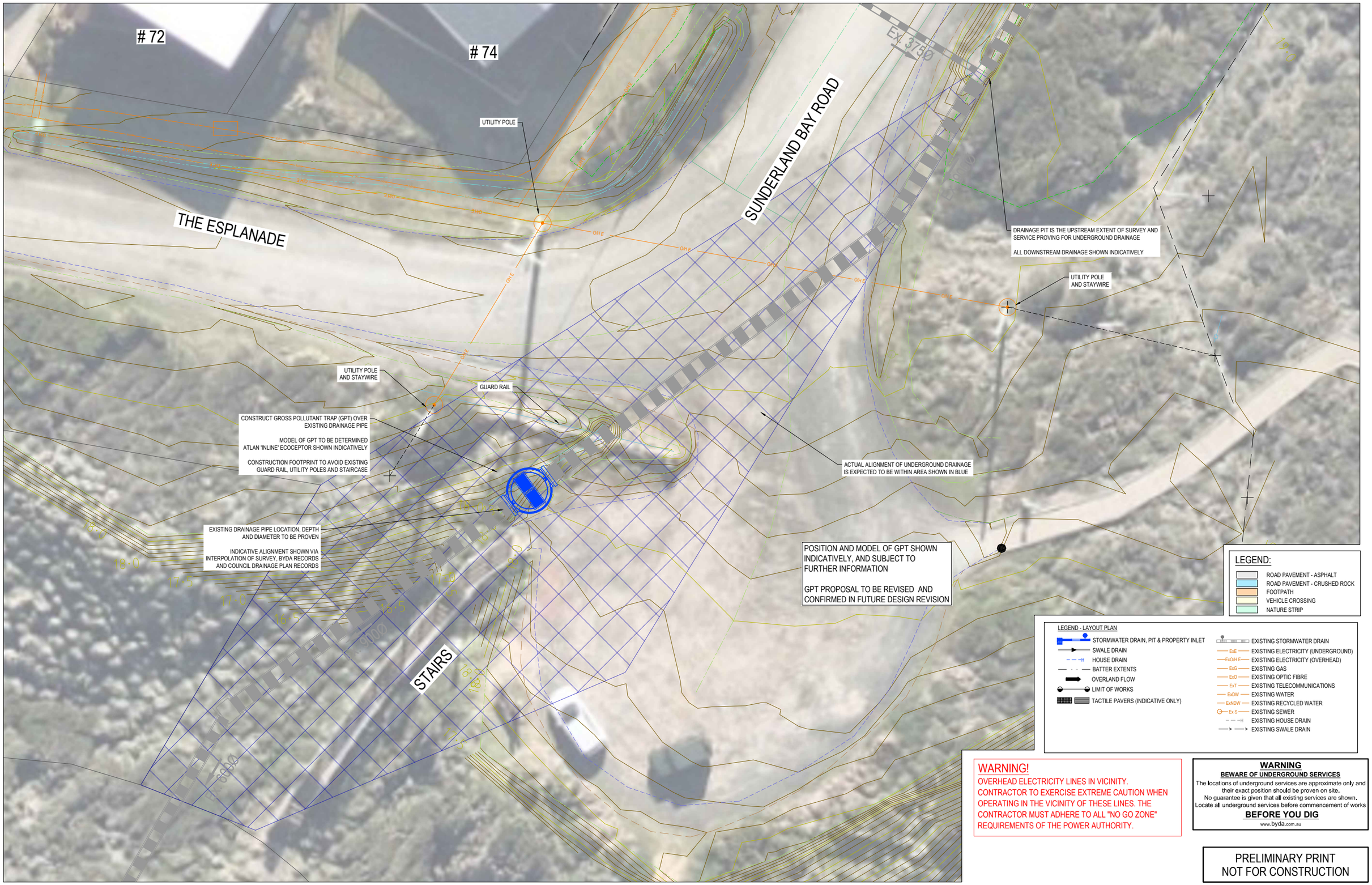
Drawing Title: LAYOUT PLAN
(SHEET 3 OF 4)

Sheet 05 of 34
Scale 1:250 @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	012	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-010-LAY.dwg

FOR CONTINUATION SEE SHEET 2503125-00-010



LEGEND:

- ROAD PAVEMENT - ASPHALT
- ROAD PAVEMENT - CRUSHED ROCK
- FOOTPATH
- VEHICLE CROSSING
- NATURE STRIP

LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- HOUSE DRAIN
- BATTER EXTENTS
- OVERLAND FLOW
- LIMIT OF WORKS
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING STORMWATER DRAIN
- ExE — EXISTING ELECTRICITY (UNDERGROUND)
- ExO/H E — EXISTING ELECTRICITY (OVERHEAD)
- ExG — EXISTING GAS
- ExO — EXISTING OPTIC FIBRE
- ExT — EXISTING TELECOMMUNICATIONS
- ExDW — EXISTING WATER
- ExNDW — EXISTING RECYCLED WATER
- Ex S — EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN

WARNING!

OVERHEAD ELECTRICITY LINES IN VICINITY. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

WARNING

BEWARE OF UNDERGROUND SERVICES

The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works

BEFORE YOU DIG

www.byda.com.au

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

NOTES:
1. PROPERTY BOUNDARIES NOT RE-ESTABLISHED. BOUNDARIES SHOWN INDICATIVELY ONLY FROM CADASTRAL INFORMATION
2. AERIAL IMAGERY SOURCED FROM NEARMAP, DATED 02 AUGUST 2025

0 1 2 4 6 8
SCALE 1:100 AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: LAYOUT PLAN
(SHEET 4 OF 4)

Sheet 06 of 34
Scale 1:100 @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	013	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engi_General\Drawings\2503125-00-010-LAY.dwg



CRUSHED ROCK ROAD RESURFACING

PAVEMENT LAYER	DESCRIPTION	THICKNESS
SURFACE	CLASS 2 FINE CRUSHED ROCK COMPACTED TO NOT LESS THAN 98% OF AS 1289, 5.2.1 (MODIFIED COMPACTION)	140mm

THE ESPLANADE (8.3 ACCESS ROAD 2 WITH STABILISED SUBGRADE)

PAVEMENT LAYER	DESCRIPTION	THICKNESS
SURFACE	ASPHALT TYPE N 14mm C320 BINDER	35mm
BASE	20mm CLASS 2 FINE CRUSHED ROCK COMPACTED TO NOT LESS THAN 98% OF AS 1289, 5.2.1 (MODIFIED COMPACTION)	100mm
SUBBASE	20mm OR 40mm CLASS 3 CRUSHED ROCK COMPACTED TO NOT LESS THAN 95% OF AS 1289, 5.2.1 (MODIFIED COMPACTION)	130mm
STABLISED SUBGRADE	MATERIAL AS FOUND STABILISED WITH 3% LIME AND 2% CEMENT COMPACTED TO NOT LESS THAN 98% OF AS 1289, 5.1.1 (STANDARD COMPACTION)	300mm
SUBGRADE	MATERIAL AS FOUND (MIN. CBR 3.0%)	
TOTAL THICKNESS		**565mm**

LINKS STREET (8.4 ACCESS ROAD 2)

PAVEMENT LAYER	DESCRIPTION	THICKNESS
SURFACE	ASPHALT TYPE N 14mm C320 BINDER	35mm
BASE	CLASS 2 FINE CRUSHED ROCK COMPACTED TO NOT LESS THAN 98% OF AS 1289, 5.2.1 (MODIFIED COMPACTION)	140mm
SUBBASE	20mm OR 40mm CLASS 3 CRUSHED ROCK COMPACTED TO NOT LESS THAN 95% OF AS 1289, 5.2.1 (MODIFIED COMPACTION)	200mm
SUBGRADE	MATERIAL AS FOUND COMPACTED TO 98% OF AS 1289 5.1.1 (STANDARD COMPACTION) AT A MOISTURE CONTENT BETWEEN 90% AND 120% OF OPTIMUM MOISTURE CONTENT FOR A DEPTH OF 150mm	
TOTAL THICKNESS		**375mm**

BATMAN STREET (8.1 ACCESS ROAD 1 WITH STABILISED SUBGRADE)

PAVEMENT LAYER	DESCRIPTION	THICKNESS
SURFACE	ASPHALT TYPE N 14mm C320 BINDER	35mm
BASE	20mm CLASS 2 FINE CRUSHED ROCK COMPACTED TO NOT LESS THAN 98% OF AS 1289, 5.2.1 (MODIFIED COMPACTION)	110mm
SUBBASE	20mm OR 40mm CLASS 3 CRUSHED ROCK COMPACTED TO NOT LESS THAN 95% OF AS 1289, 5.2.1 (MODIFIED COMPACTION)	150mm
STABLISED SUBGRADE	MATERIAL AS FOUND STABILISED WITH 3% LIME AND 2% CEMENT COMPACTED TO NOT LESS THAN 98% OF AS 1289, 5.1.1 (STANDARD COMPACTION)	300mm
SUBGRADE	MATERIAL AS FOUND (MIN. CBR 3.0%)	
TOTAL THICKNESS		**595mm**

PAVEMENTS ARE AS PER GEOTECHNICAL REPORT BY CIVILTEST PTY LTD.
REPORT No. 1220659-1 ISSUE 2, DATED 29.07.2022
THICKENING OF STABILISATION LAYER TO 300mm AS PER COUNCIL DIRECTION.

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

0 10 20 40 60 80
SCALE 1:1000 AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

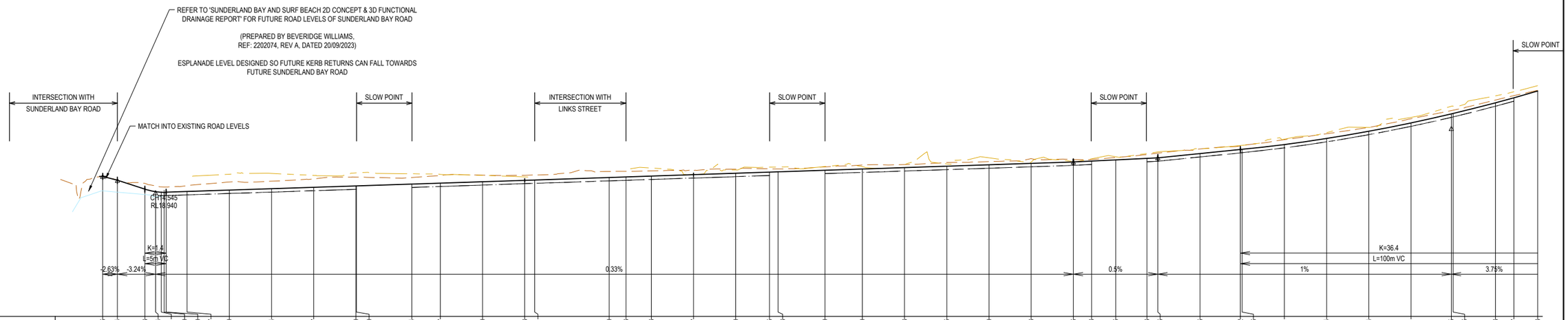
Drawing Title: PAVEMENT PLAN & PAVEMENT DETAILS

Sheet 07 of 34
Scale 1:1000 @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	050	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-050-PAV.dwg

LEGEND
- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE
- EXISTING SURFACE AT RIGHT BOUNDARY
- RIGHT LIP OF KERB
- EXISTING SURFACE AT LEFT BOUNDARY
- LEFT LIP OF KERB
- EXISTING COMMS
- EXISTING ELECTRICITY
- EXISTING WATER



CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF KERB	LEFT LIP OF KERB	EXISTING SURFACE AT LEFT BOUNDARY	EXISTING SURFACE
0.000	19.316				19.316
3.489	19.224				19.224
10.011	19.013				19.149
12.511	18.954	18.861	18.860	19.366	19.090
13.884	18.941	18.860	18.860	19.386	19.067
14.545	18.940	18.860	18.860	19.386	19.065
15.011	18.940	18.877	18.877	19.338	19.065
20.000	18.957	18.877	18.877	19.388	19.097
30.000	18.990	18.910	18.910	19.399	19.182
40.000	19.024	18.944	18.944	19.377	19.201
50.000	19.057	18.977	18.977	19.363	19.257
60.000	19.090	19.010	19.010	19.339	19.299
60.093	19.090	19.010	19.010	19.304	19.299
73.219	19.134				19.290
80.000	19.157	19.077	19.077	19.513	19.335
90.000	19.190	19.110	19.110	19.361	19.344
100.000	19.223	19.143	19.143	19.468	19.343
102.353	19.231	19.151	19.151	19.533	19.349
120.000	19.290	19.210	19.210	19.538	19.432
123.980	19.303	19.223	19.223	19.549	19.436
130.000	19.323	19.243	19.243	19.546	19.446
140.000	19.357	19.277	19.277	19.569	19.451
150.000	19.390	19.310	19.310	19.609	19.486
158.001	19.416	19.336	19.336	19.754	19.495
160.000	19.423			19.652	19.492
171.127	19.460			19.668	19.540
180.000	19.490	19.410	19.410	19.733	19.587
190.000	19.523	19.443	19.443	19.780	19.596
200.000	19.556	19.476	19.476	19.857	19.645
210.000	19.590	19.510	19.510	19.893	19.665
220.000	19.623	19.543	19.543	19.974	19.736
230.000	19.656	19.576	19.576	20.046	19.718
234.289	19.678			20.051	19.713
240.000	19.706			20.199	19.763
247.415	19.743	19.663	19.663	20.327	19.835
250.000	19.756	19.676	19.676	20.353	19.866
260.000	19.856	19.776	19.776	20.474	19.967
269.550	19.952	19.872	19.872	20.713	20.039
270.000	19.956	19.876	19.876	20.975	20.046
280.000	20.071	19.991	19.991	20.981	20.184
290.000	20.214	20.134	20.134	21.223	20.327
300.000	20.384	20.304	20.304	21.318	20.474
310.000	20.581	20.501	20.501	21.464	20.681
319.550	20.795	20.715	20.715		20.875
320.000	20.806	20.726	20.726		20.884
330.000	21.058	20.978	20.978		21.125
334.361	21.177				21.226
340.000	21.338				21.354

The Esplanade LONGITUDINAL SECTION

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ 1:500 0 5 10 20 30
VERT 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details	THE ESPLANADE, SURF BEACH STAGE 01 BASS COAST SHIRE COUNCIL
Drawing Title	ROAD LONGITUDINAL SECTIONS THE ESPLANADE (SHEET 1 OF 2)

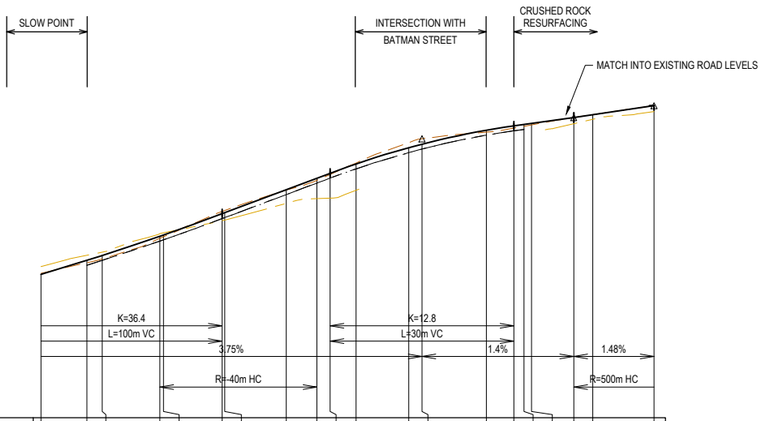
Sheet 08 of 34
Scale 1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	100	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-100-RLS.dwg

LEGEND

- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE
- EXISTING SURFACE AT RIGHT BOUNDARY
- RIGHT LIP OF KERB
- EXISTING SURFACE AT LEFT BOUNDARY
- LEFT LIP OF KERB
- EXISTING COMMS
- EXISTING ELECTRICITY
- EXISTING WATER



DATUM RL 19

DESIGN CENTRELINE	21.338	21.505	21.645	21.959	21.980	22.325	22.342	22.717	22.905	22.985	23.137	23.402	23.459	23.685	23.756	23.779	23.796	23.892	23.938	24.086			
RIGHT LIP OF KERB		21.485	21.565	21.879	21.900	22.245	22.262	22.637	22.825	22.905	23.057	23.322	23.379	23.605	23.676								
LEFT LIP OF KERB		21.485	21.565	21.879	21.900	22.245	22.262	22.637	22.825	22.905	23.057	23.322	23.379	23.605	23.676								
EXISTING SURFACE AT LEFT BOUNDARY	21.464	21.647	21.698	21.998	22.013	22.213	22.222	22.495	22.571	22.580	22.706							23.792	23.865	23.991			
EXISTING SURFACE	21.354	21.527	21.588	21.924	21.952	22.360	22.376	22.711	22.871	22.965	23.152	23.465	23.548	23.655	23.720	23.750	23.772	23.892	23.940	24.086			
CHAINAGE	340.000	347.487	350.000	359.386	360.000	369.550	370.000	380.000	385.023	387.152	391.402	400.000	402.152	412.644	417.152	418.778	420.000	426.897	430.000	440.000			

The Esplanade LONGITUDINAL SECTION

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ 1:500 0 5 10 20 30
VERT 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD LONGITUDINAL SECTIONS
THE ESPLANADE
(SHEET 2 OF 2)

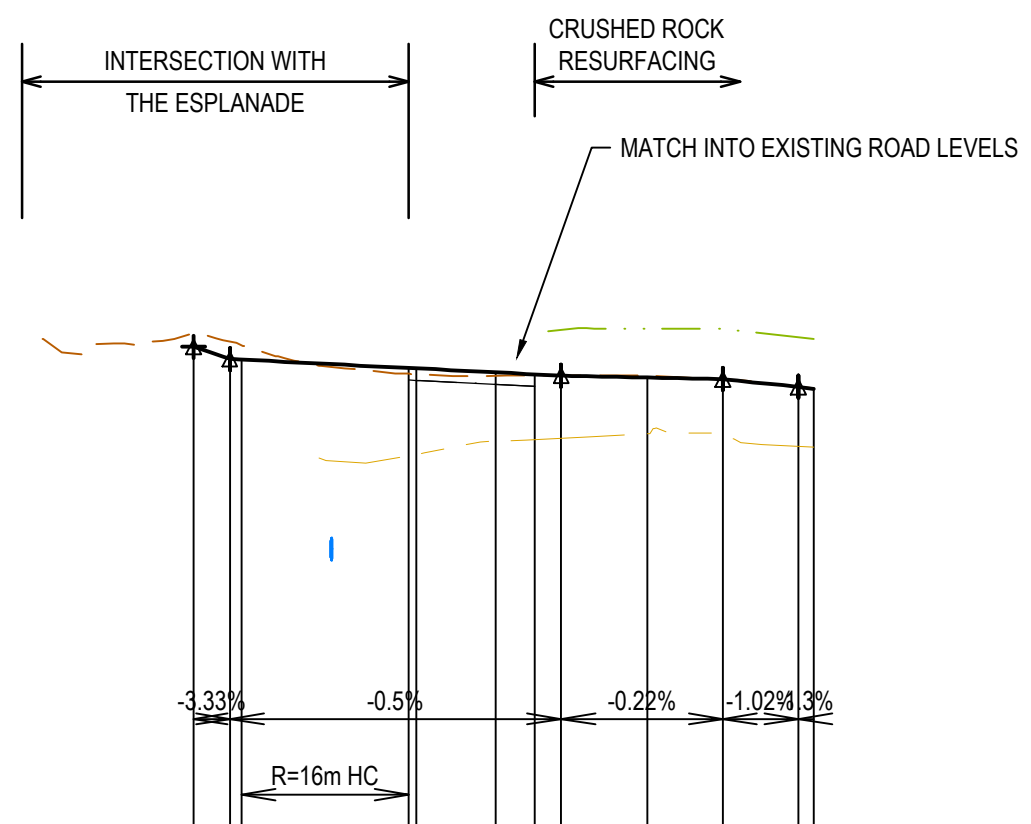
Sheet 09 of 34
Scale 1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	101	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-100-RLS.dwg

LEGEND

- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE
- EXISTING SURFACE AT RIGHT BOUNDARY
- RIGHT LIP OF KERB
- EXISTING SURFACE AT LEFT BOUNDARY
- LEFT LIP OF KERB
- EXISTING COMMS
- EXISTING ELECTRICITY
- EXISTING WATER



K Value

VERTICAL GEOMETRY

HORIZONTAL GEOMETRY

DATUM RL 20

DESIGN CENTRELINE	23.460	23.380	23.376	23.321	23.318	23.292	23.279	23.270	23.258	23.247	23.196	23.183
RIGHT LIP OF KERB						23.212						
EXISTING SURFACE AT RIGHT BOUNDARY								23.572	23.580	23.580	23.524	23.513
LEFT LIP OF KERB					23.238	23.212						
EXISTING SURFACE AT LEFT BOUNDARY				22.746	22.752	22.836	22.848	22.856	22.886	22.880	22.801	22.796
EXISTING SURFACE	23.548	23.494	23.471	23.282	23.280	23.269	23.269	23.270	23.270	23.247	23.196	23.185
CHAINAGE	0.000	2.400	3.173	14.216	14.719	20.000	22.550	24.319	30.000	35.000	40.000	41.000

Batman St LONGITUDINAL SECTION

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ 1:500 0 5 10 20 30

VERT 1:50 0 0.5 1 2 3

SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

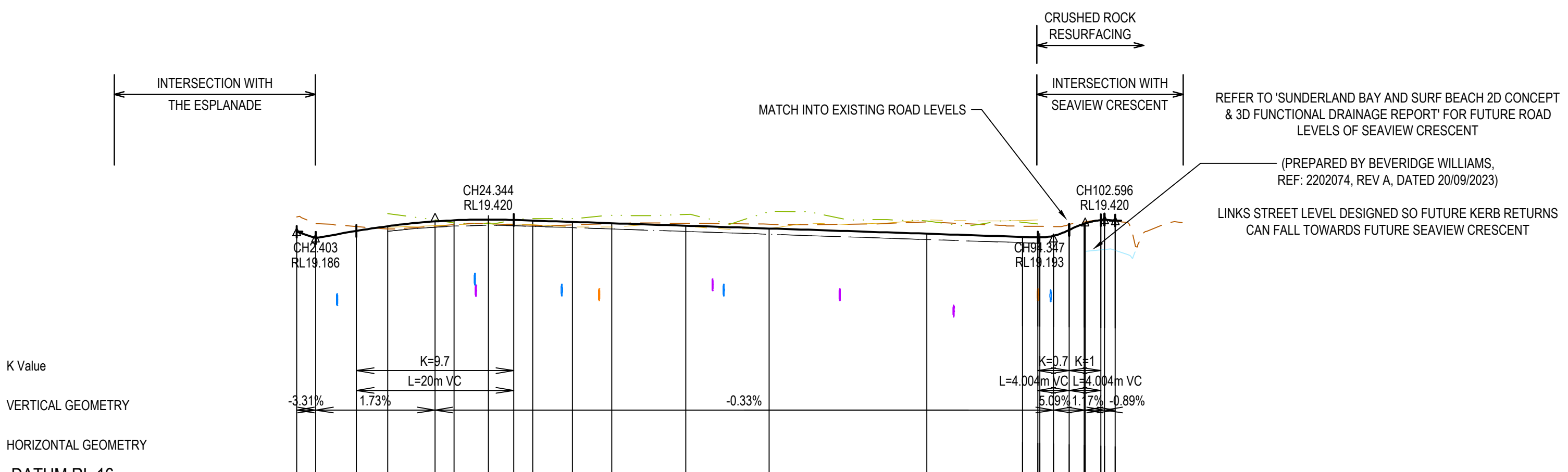
Drawing Title: ROAD LONGITUDINAL SECTIONS
BATMAN STREET

Sheet 10 of 34

Scale: 1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	102	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-100-RLS.dwg



LEGEND
- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE
- EXISTING SURFACE AT RIGHT BOUNDARY
- RIGHT LIP OF KERB
- EXISTING SURFACE AT LEFT BOUNDARY
- LEFT LIP OF KERB
- EXISTING COMMS
- EXISTING ELECTRICITY
- EXISTING WATER

DATUM RL 16

DESIGN CENTRELINE	19.265	19.186	19.275	19.336	19.397	19.411	19.420	19.415	19.407	19.390	19.374	19.342	19.307	19.240	19.200	19.193	19.193	19.214	19.289	19.368	19.371	19.414	19.420	19.408
RIGHT LIP OF KERB					19.323	19.337	19.347	19.342	19.334	19.317	19.300	19.269	19.234	19.167	19.127	19.120								
EXISTING SURFACE AT RIGHT BOUNDARY					19.413	19.376	19.369	19.420	19.434	19.432	19.475	19.485	19.524	19.404	19.387	19.365								
LEFT LIP OF KERB					19.323	19.337	19.347	19.342	19.334	19.317	19.300	19.269	19.234	19.167	19.127	19.120								
EXISTING SURFACE AT LEFT BOUNDARY					19.342	19.349	19.380	19.363	19.356	19.325	19.325	19.332	19.305	19.416	19.408	19.415								
EXISTING SURFACE	19.455	19.366	19.333	19.302	19.338	19.355	19.366	19.356	19.348	19.351	19.368	19.374	19.361	19.390	19.336	19.334	19.334	19.332	19.360	19.390	19.392	19.414	19.420	19.408
CHAINAGE	0.000	2.403	7.571	11.549	17.571	20.000	24.344	27.571	30.000	35.000	40.000	49.423	60.000	80.000	92.152	94.102	94.347	96.104	98.106	100.000	100.108	102.110	102.596	103.953

Links St LONGITUDINAL SECTION

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ 1:500 — 0 5 10 20 30
VERT 1:50 — 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD LONGITUDINAL SECTIONS
LINKS STREET

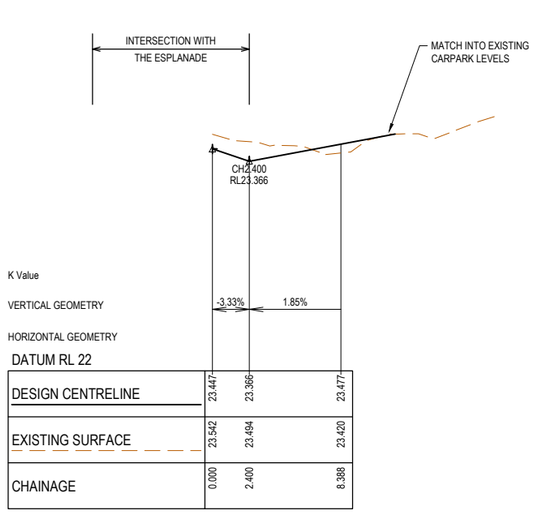
Scale: 1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	103	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-100-RLS.dwg

LEGEND

- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE
- EXISTING SURFACE AT RIGHT BOUNDARY
- RIGHT LIP OF KERB
- EXISTING SURFACE AT LEFT BOUNDARY
- LEFT LIP OF KERB
- EXISTING COMMS
- EXISTING ELECTRICITY
- EXISTING WATER



Carpark LONGITUDINAL SECTION

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT. All rights reserved.
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ 1:500 0 5 10 20 30
VERT 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Date	05.05.2026
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD LONGITUDINAL SECTIONS
CARPARK

Sheet 12 of 34
Scale 1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	104	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-100-RLS.dwg

LEGEND

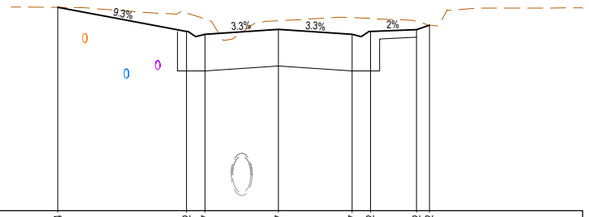
EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS
NEW DRAINAGE PIPE
EXISTING WATER
EXISTING ELECTRICITY

NOTES:

UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

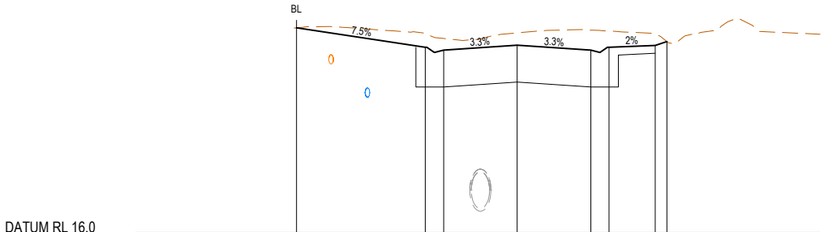
DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



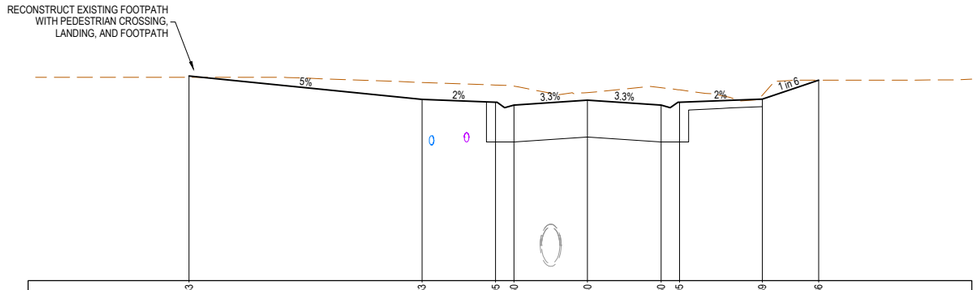
DATUM RL 16.0								
DESIGN SURFACE	19.314	18.922	18.877	18.957	18.877	18.922	18.952	19.022
EXISTING SURFACE	19.314	19.223	19.114	19.097	19.148	19.135	19.088	19.022
OFFSET	-7.200	-3.000	-2.400	0.000	2.400	3.000	4.500	4.921

CH 20.000



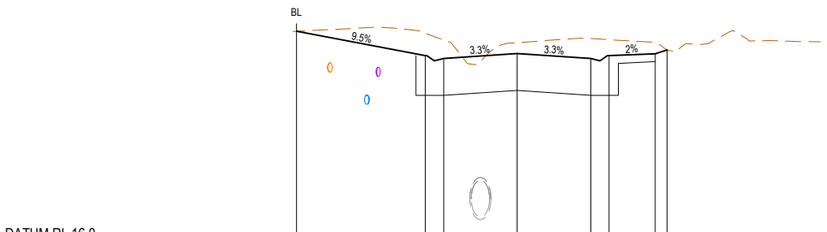
DATUM RL 16.0								
DESIGN SURFACE	19.338	19.022	18.977	19.057	18.977	19.022	19.052	19.116
EXISTING SURFACE	19.338	19.247	19.165	19.257	19.303	19.287	19.232	19.116
OFFSET	-7.200	-3.000	-2.400	0.000	2.400	3.000	4.500	4.882

CH 50.000



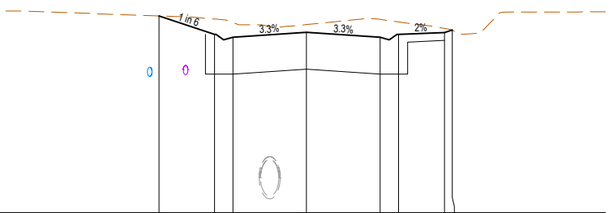
DATUM RL 16.0								
DESIGN SURFACE	19.333	18.953	18.905	18.860	18.940	18.860	18.905	18.959	19.266
EXISTING SURFACE	19.315	19.231	19.187	19.171	19.065	19.145	19.109	19.021	19.266
OFFSET	-13.000	-5.400	-3.000	-2.400	0.000	2.400	3.000	5.700	7.538

CH 15.011



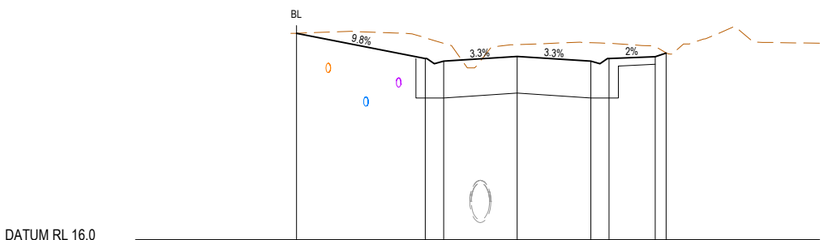
DATUM RL 16.0								
DESIGN SURFACE	19.386	18.989	18.944	19.024	18.944	18.989	19.019	19.084
EXISTING SURFACE	19.386	19.353	19.245	19.201	19.266	19.249	19.189	19.084
OFFSET	-7.200	-3.000	-2.400	0.000	2.400	3.000	4.500	4.894

CH 40.000



DATUM RL 16.0								
DESIGN SURFACE	19.208	18.906	18.861	18.941	18.861	18.906	18.936	18.978
EXISTING SURFACE	19.208	19.158	19.101	19.067	19.152	19.111	19.005	18.978
OFFSET	-4.809	-3.000	-2.400	0.000	2.400	3.000	4.500	4.753

CH 13.884



DATUM RL 16.0								
DESIGN SURFACE	19.366	18.955	18.910	18.990	18.910	18.955	18.985	19.045
EXISTING SURFACE	19.366	19.293	19.202	19.182	19.214	19.201	19.143	19.045
OFFSET	-7.200	-3.000	-2.400	0.000	2.400	3.000	4.500	4.861

CH 30.000

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ. 1:100 0 1 2 4 6
VERT. 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
THE ESPLANADE
(SHEET 1 OF 8)

Sheet 13 of 34
Scale 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	200	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-200-RXS.dwg

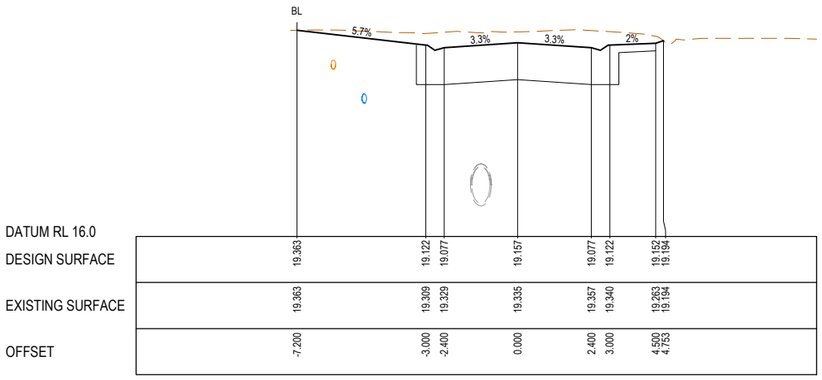
LEGEND

EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS
NEW DRAINAGE PIPE
EXISTING WATER
EXISTING ELECTRICITY

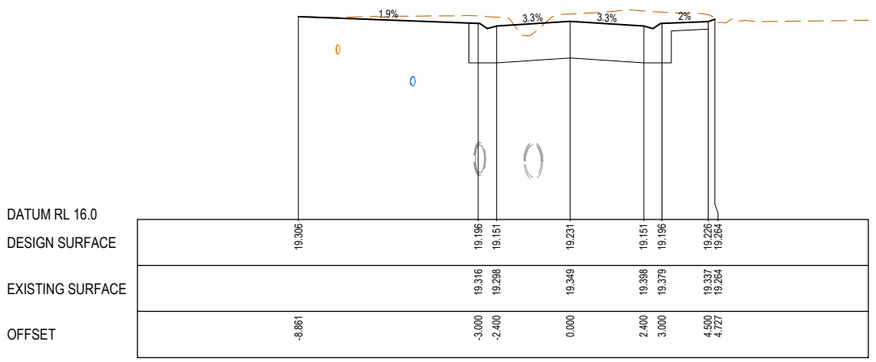
NOTES:
UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

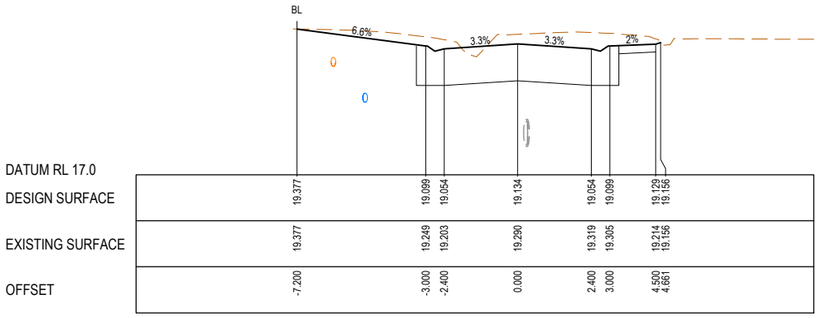
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



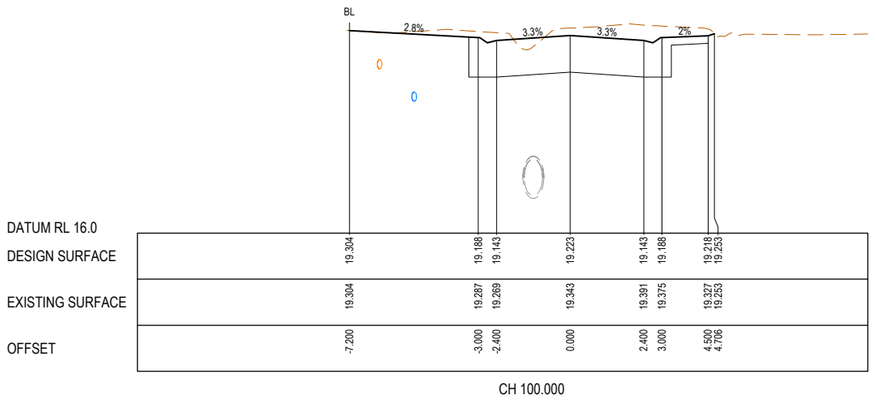
CH 80.000



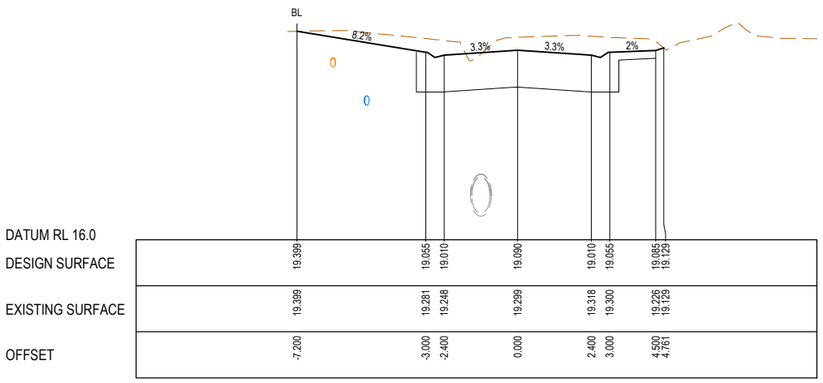
CH 102.353



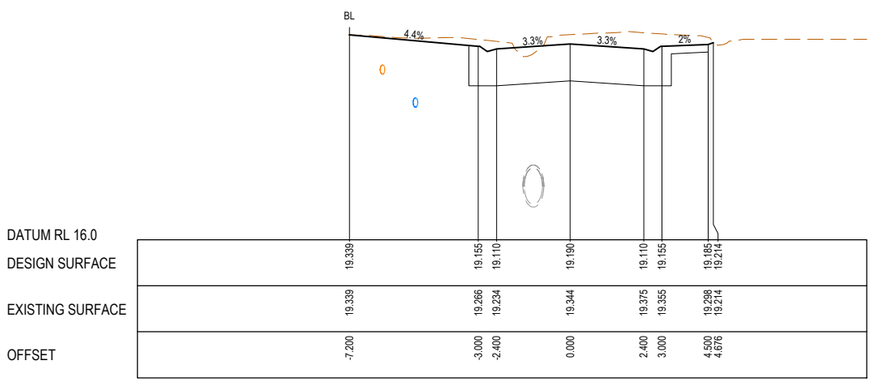
CH 73.219



CH 100.000



CH 60.093



CH 90.000

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ. 1:100 0 1 2 4 6
VERT. 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
THE ESPLANADE
(SHEET 2 OF 8)

Sheet 14 of 34
Scale 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	201	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-200-RXS.dwg

LEGEND

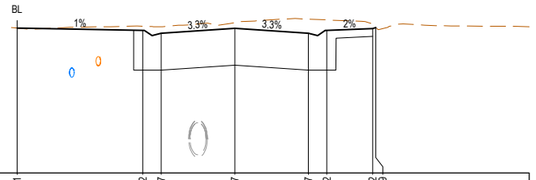
EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS | NEW DRAINAGE PIPE
EXISTING WATER | EXISTING ELECTRICITY

NOTES:

UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

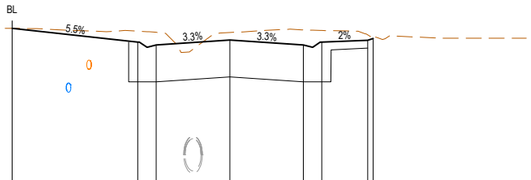
DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



DATUM RL 17.0								
DESIGN SURFACE	19.361	19.322	19.277	19.357	19.277	19.322	19.352	19.369
EXISTING SURFACE	19.361	19.391	19.384	19.451	19.507	19.494	19.416	19.369
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.604

CH 140.000

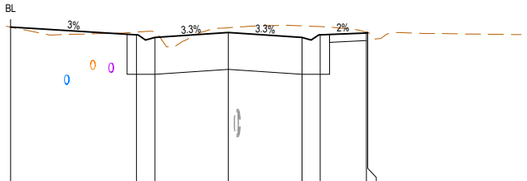


DATUM RL 16.0								
DESIGN SURFACE	19.513	19.288	19.243	19.323	19.243	19.288	19.318	19.347
EXISTING SURFACE	19.513	19.468	19.449	19.446	19.490	19.479	19.407	19.347
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.675

CH 130.000

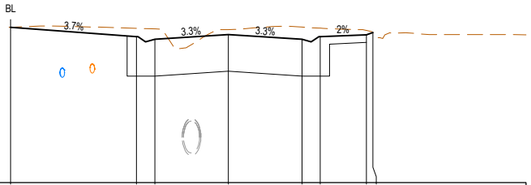
DATUM RL 16.0								
DESIGN SURFACE	19.485	19.268	19.223	19.303	19.223	19.268	19.298	19.337
EXISTING SURFACE	19.485	19.488	19.461	19.436	19.481	19.470	19.411	19.337
OFFSET	-8.313	-3.000	-2.400	0.000	2.400	3.000	4.500	4.732

CH 123.980



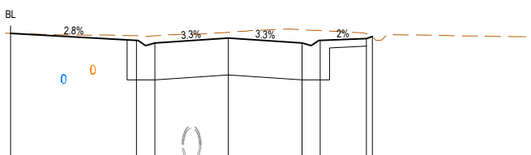
DATUM RL 17.0								
DESIGN SURFACE	19.549	19.425	19.380	19.460	19.380	19.425	19.455	19.463
EXISTING SURFACE	19.549	19.469	19.477	19.540	19.571	19.559	19.468	19.463
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.546

CH 171.127



DATUM RL 17.0								
DESIGN SURFACE	19.533	19.381	19.336	19.416	19.336	19.381	19.411	19.447
EXISTING SURFACE	19.533	19.516	19.506	19.495	19.535	19.519	19.483	19.447
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.711

CH 158.001



DATUM RL 17.0								
DESIGN SURFACE	19.468	19.355	19.310	19.390	19.310	19.355	19.385	19.418
EXISTING SURFACE	19.468	19.430	19.428	19.486	19.527	19.513	19.462	19.418
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.700

CH 150.000

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ. 1:100 0 1 2 4 6
VERT. 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
THE ESPLANADE
(SHEET 3 OF 8)

Sheet 15 of 34
Scale 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	202	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-200-RXS.dwg

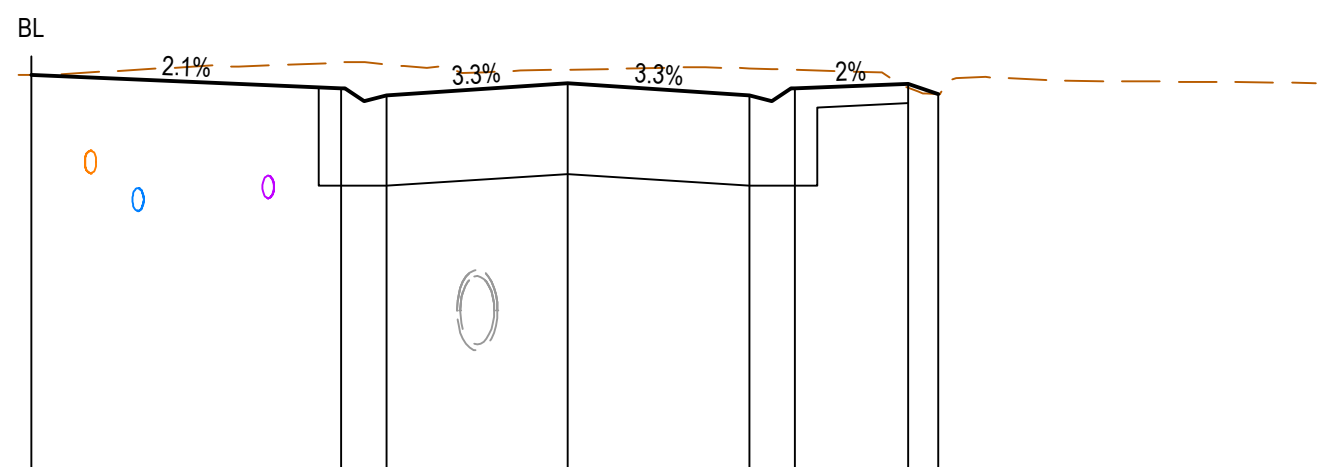
LEGEND

EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS
NEW DRAINAGE PIPE
EXISTING WATER
EXISTING ELECTRICITY

NOTES:
UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

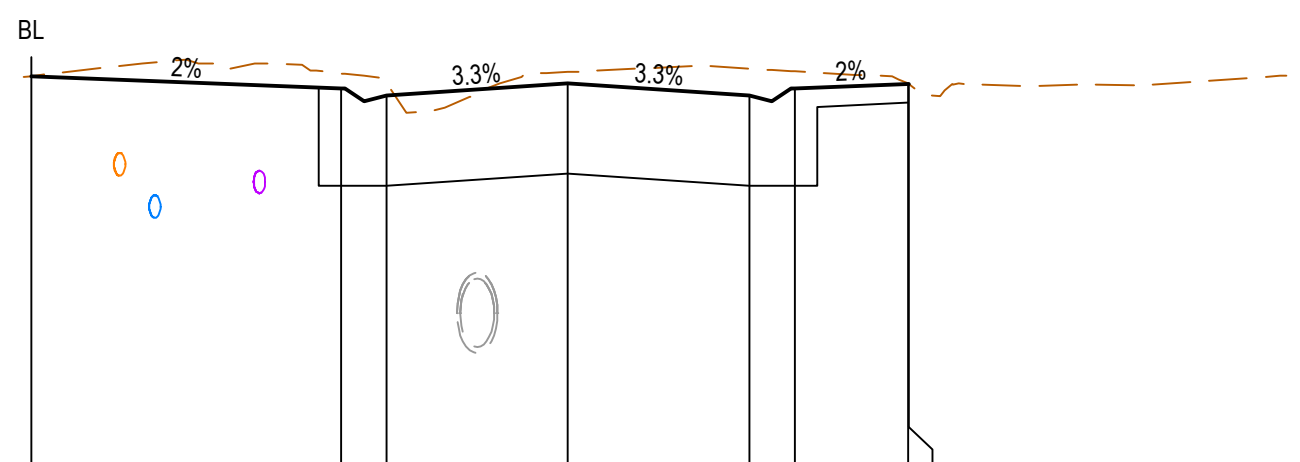
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



DATUM RL 17.0

DESIGN SURFACE	19.609	19.521	19.476	19.556	19.476	19.521	19.551	19.486
EXISTING SURFACE	19.609	19.693	19.680	19.645	19.653	19.644	19.527	19.486
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.894

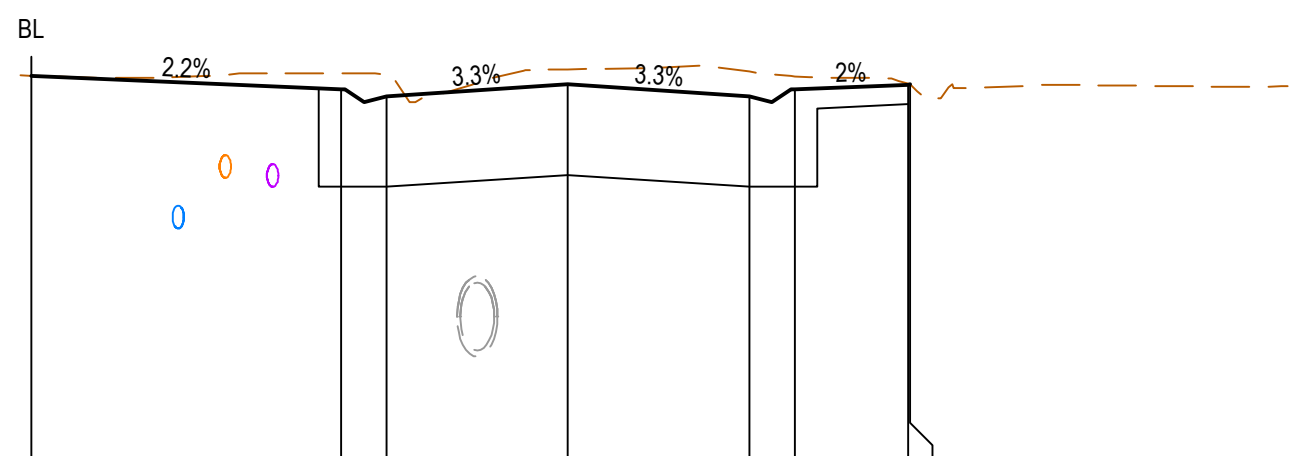
CH 200.000



DATUM RL 17.0

DESIGN SURFACE	19.569	19.488	19.443	19.523	19.443	19.488	19.518	19.519
EXISTING SURFACE	19.569	19.587	19.527	19.596	19.620	19.601	19.521	19.519
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.507

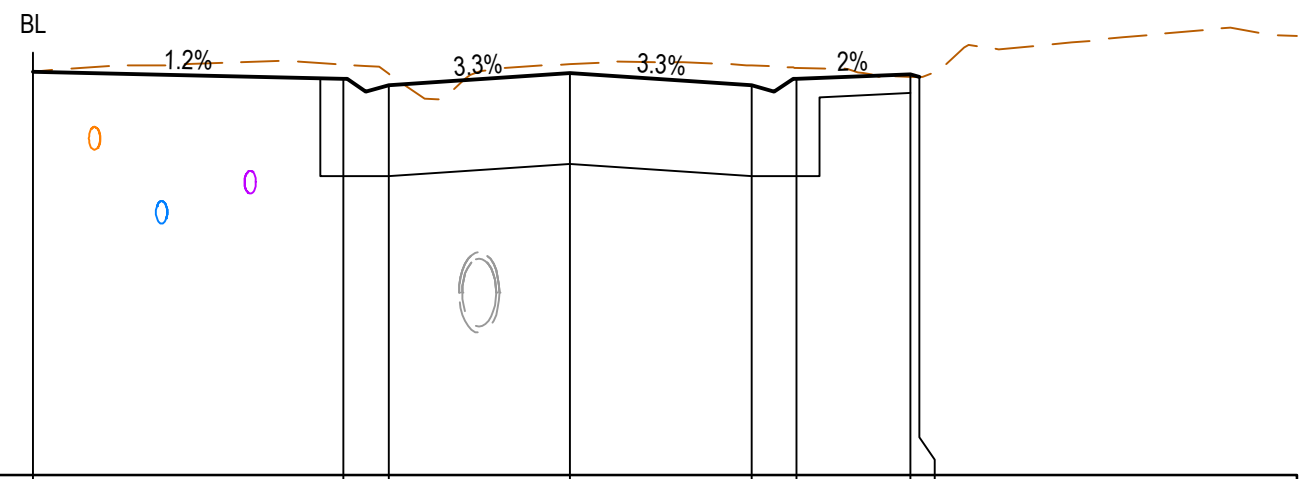
CH 190.000



DATUM RL 17.0

DESIGN SURFACE	19.546	19.455	19.410	19.490	19.410	19.455	19.485	19.489
EXISTING SURFACE	19.546	19.560	19.551	19.587	19.572	19.542	19.492	19.489
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.523

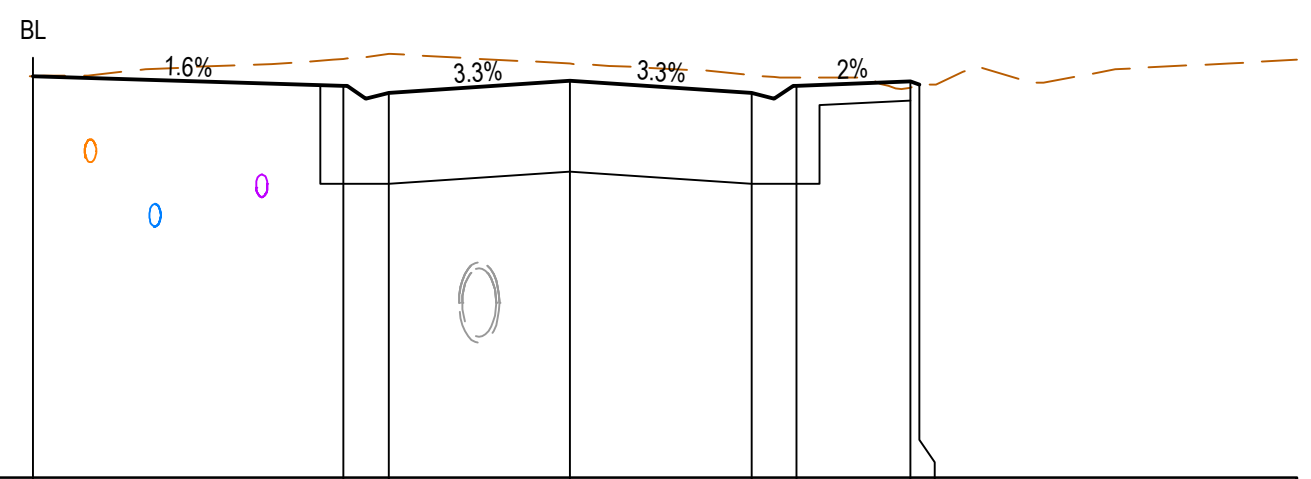
CH 180.000



DATUM RL 17.0

DESIGN SURFACE	19.668	19.621	19.576	19.656	19.576	19.621	19.651	19.631
EXISTING SURFACE	19.668	19.715	19.653	19.718	19.709	19.693	19.633	19.631
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.618

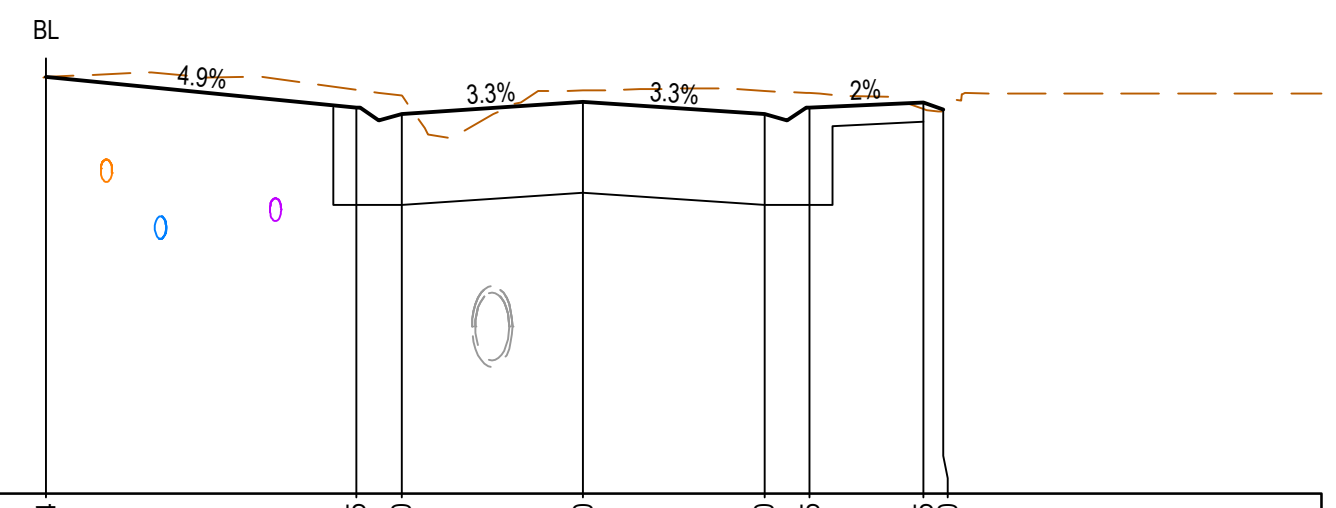
CH 230.000



DATUM RL 17.0

DESIGN SURFACE	19.652	19.588	19.543	19.623	19.543	19.588	19.618	19.598
EXISTING SURFACE	19.652	19.767	19.800	19.736	19.660	19.643	19.578	19.598
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.620

CH 220.000



DATUM RL 17.0

DESIGN SURFACE	19.754	19.555	19.510	19.590	19.510	19.555	19.585	19.540
EXISTING SURFACE	19.754	19.669	19.631	19.665	19.664	19.648	19.543	19.540
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.770

CH 210.000

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ. 1:100 — 0 1 2 4 6
VERT. 1:50 — 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
THE ESPLANADE
(SHEET 4 OF 8)

Sheet 16 of 34

Scale: 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	203	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-200-RXS.dwg

LEGEND

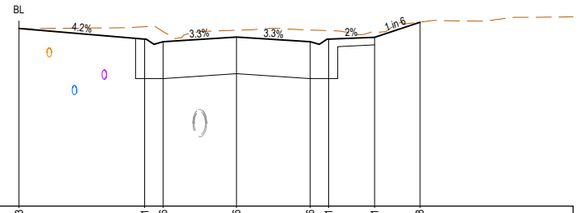
EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS
NEW DRAINAGE PIPE
EXISTING WATER
EXISTING ELECTRICITY

NOTES:

UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

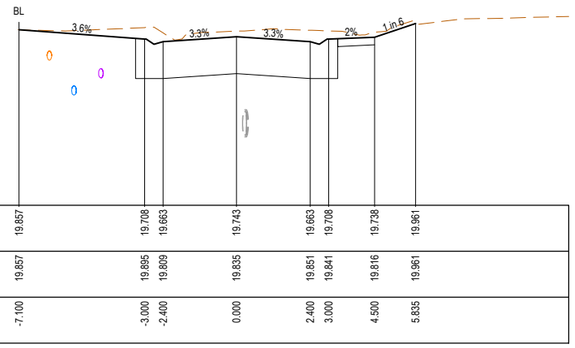
DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



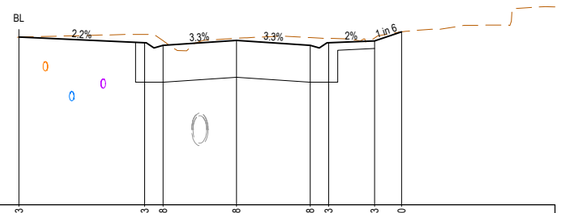
DATUM RL 17.0								
DESIGN SURFACE	19.893	19.721	19.676	19.756	19.676	19.721	19.751	19.998
EXISTING SURFACE	19.893	19.923	19.845	19.866	19.869	19.859	19.835	19.998
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.979

CH 250.000



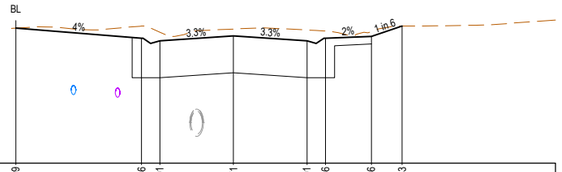
DATUM RL 17.0								
DESIGN SURFACE	19.857	19.708	19.663	19.743	19.663	19.708	19.738	19.961
EXISTING SURFACE	19.857	19.895	19.809	19.835	19.851	19.841	19.816	19.961
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.835

CH 247.415



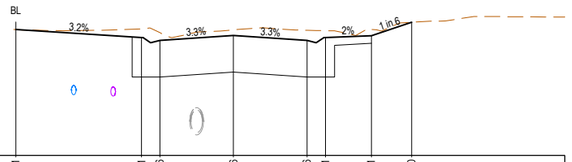
DATUM RL 17.0								
DESIGN SURFACE	19.733	19.643	19.598	19.678	19.598	19.643	19.673	19.820
EXISTING SURFACE	19.733	19.775	19.674	19.713	19.726	19.713	19.718	19.820
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.382

CH 234.289



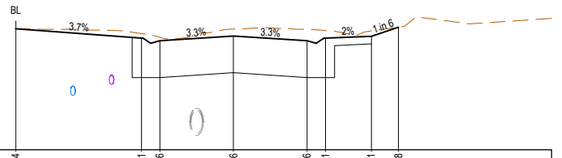
DATUM RL 18.0								
DESIGN SURFACE	20.199	20.036	19.991	20.071	19.991	20.036	20.066	20.233
EXISTING SURFACE	20.199	20.232	20.134	20.184	20.168	20.151	20.142	20.233
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.502

CH 280.000



DATUM RL 18.0								
DESIGN SURFACE	20.051	19.921	19.876	19.956	19.876	19.921	19.951	20.170
EXISTING SURFACE	20.051	20.060	20.001	20.046	20.040	20.033	20.053	20.170
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.812

CH 270.000



DATUM RL 18.0								
DESIGN SURFACE	19.974	19.821	19.776	19.856	19.776	19.821	19.851	19.998
EXISTING SURFACE	19.974	19.894	19.834	19.967	19.963	19.945	19.937	19.998
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.382

CH 260.000

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ. 1:100 0 1 2 4 6
VERT. 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
THE ESPLANADE
(SHEET 5 OF 8)

Sheet 17 of 34
Scale 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	204	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-200-RXS.dwg

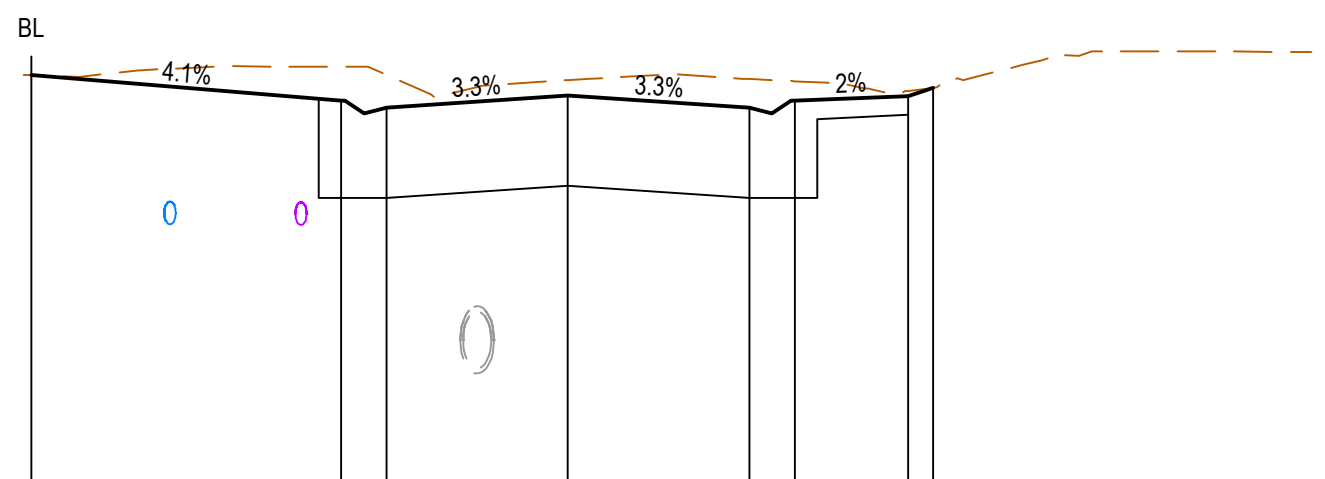
LEGEND

- EXISTING SURFACE (dashed line)
- DESIGN SURFACE (solid line)
- EXISTING COMMS
- NEW DRAINAGE PIPE
- EXISTING WATER
- EXISTING ELECTRICITY

NOTES:
UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

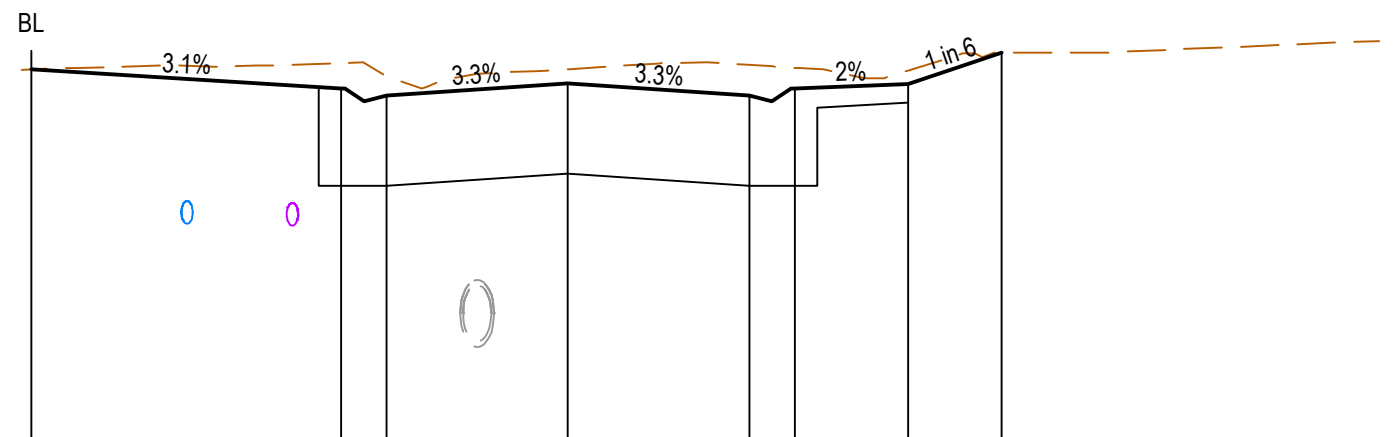
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



DATUM RL 18.0

DESIGN SURFACE	20.713	20.546	20.501	20.581	20.501	20.546	20.576	20.632
EXISTING SURFACE	20.713	20.768	20.716	20.681	20.690	20.674	20.610	20.632
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.833

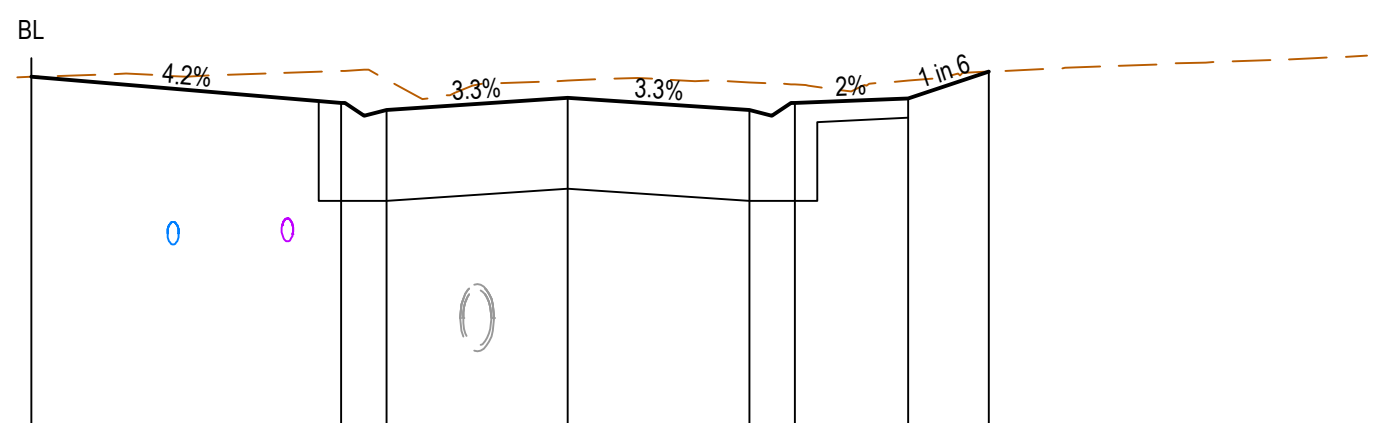
CH 310.000



DATUM RL 18.0

DESIGN SURFACE	20.474	20.349	20.304	20.384	20.304	20.349	20.379	20.584
EXISTING SURFACE	20.474	20.516	20.431	20.474	20.504	20.485	20.467	20.584
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.733

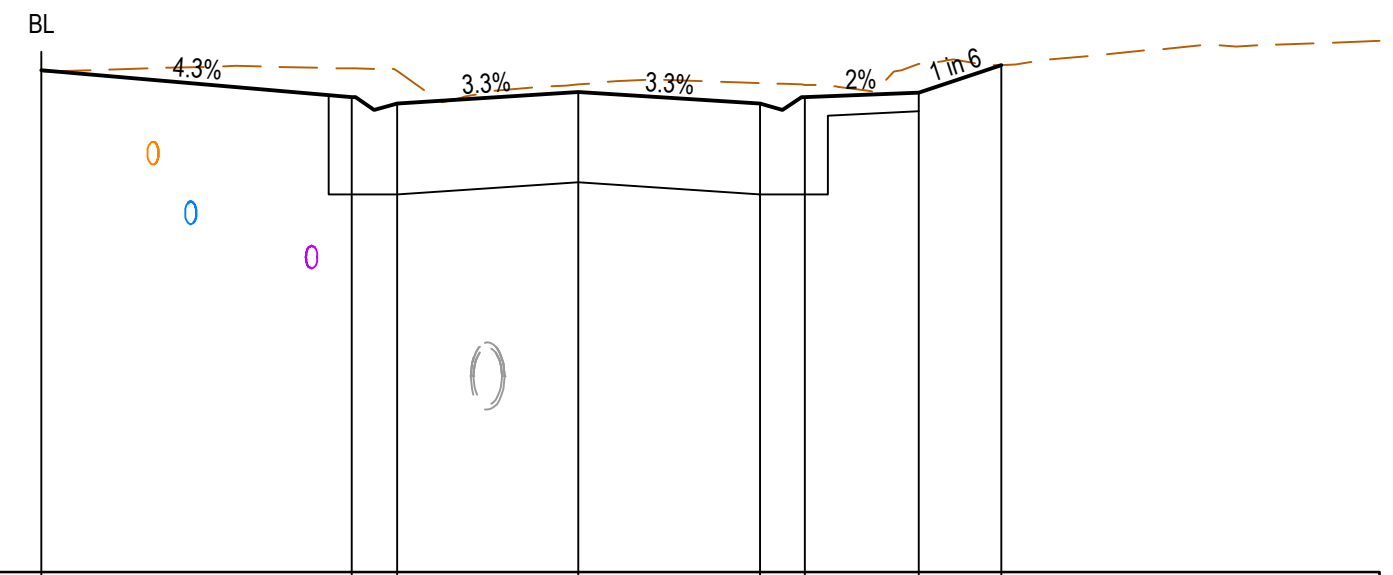
CH 300.000



DATUM RL 18.0

DESIGN SURFACE	20.353	20.179	20.134	20.214	20.134	20.179	20.209	20.387
EXISTING SURFACE	20.353	20.393	20.333	20.327	20.317	20.303	20.327	20.387
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.568

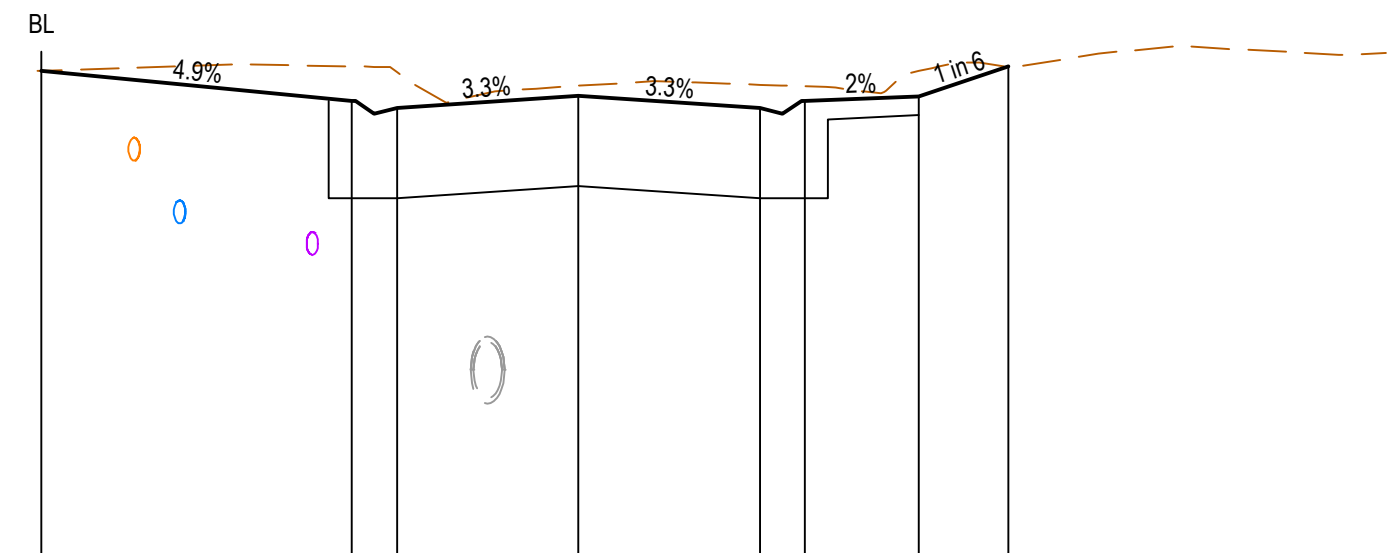
CH 290.000



DATUM RL 18.0

DESIGN SURFACE	21.318	21.142	21.097	21.177	21.097	21.142	21.172	21.354
EXISTING SURFACE		21.331	21.313	21.226	21.233	21.223	21.361	21.354
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.595

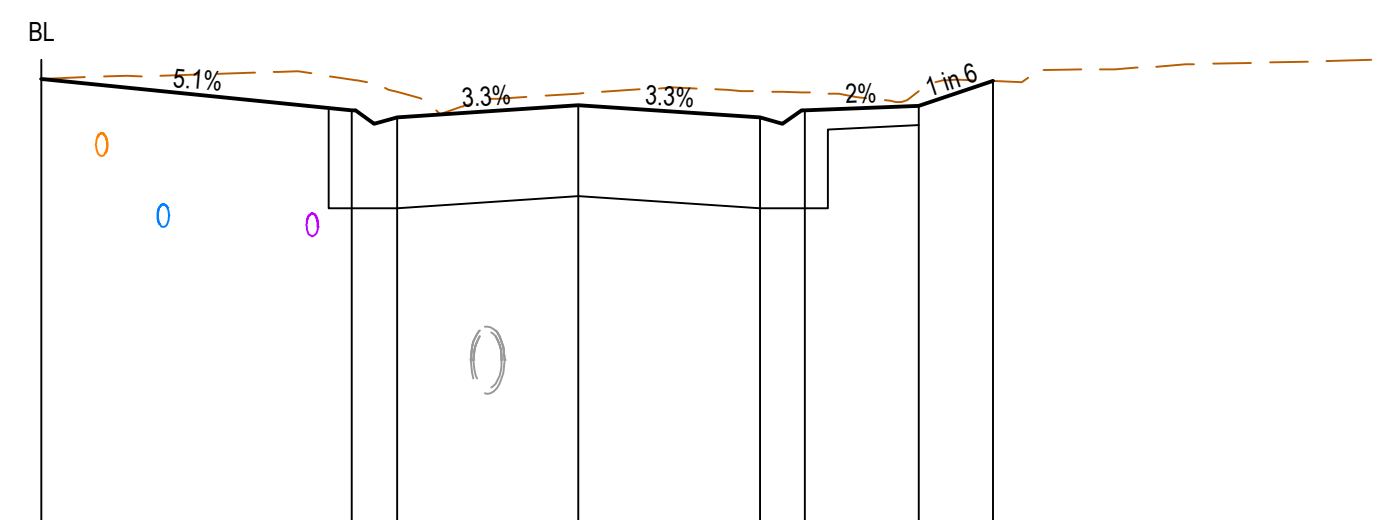
CH 334.361



DATUM RL 18.0

DESIGN SURFACE	21.223	21.023	20.978	21.058	20.978	21.023	21.053	21.251
EXISTING SURFACE	21.223	21.251	21.214	21.125	21.129	21.120	21.222	21.251
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.685

CH 330.000



DATUM RL 18.0

DESIGN SURFACE	20.981	20.771	20.726	20.806	20.726	20.771	20.801	20.965
EXISTING SURFACE	20.981	20.977	20.895	20.884	20.898	20.890	20.898	20.965
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.488

CH 320.000

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ. 1:100 — 0 1 2 4 6
VERT. 1:50 — 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
THE ESPLANADE
(SHEET 6 OF 8)

Sheet 18 of 34

Scale: 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	205	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-200-RXS.dwg

LEGEND

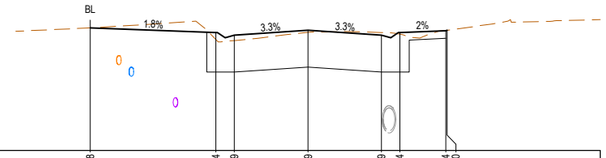
EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS
NEW DRAINAGE PIPE
EXISTING WATER
EXISTING ELECTRICITY

NOTES:

UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

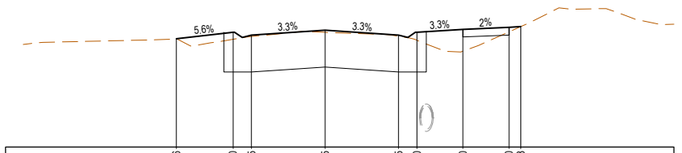
DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



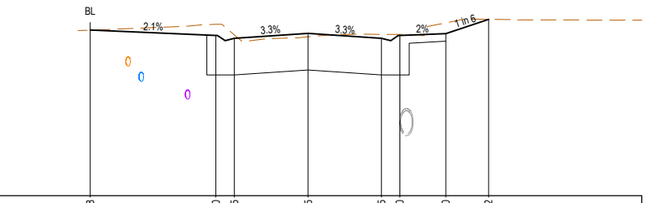
DATUM RL 20.0								
DESIGN SURFACE	21.998	21.924	21.879	21.959	21.879	21.924	21.954	21.960
EXISTING SURFACE	21.998	21.807	21.792	21.924	21.924	21.896	21.958	21.960
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	4.537

CH 359.386



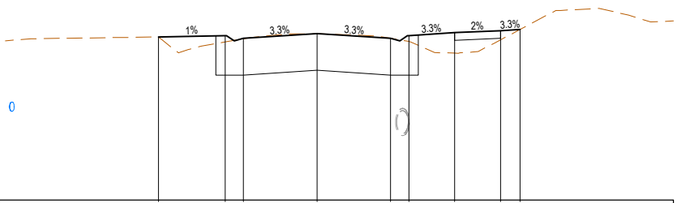
DATUM RL 21.0								
DESIGN SURFACE	22.766	22.870	22.825	22.905	22.825	22.870	22.920	22.950	22.963
EXISTING SURFACE	22.766	22.757	22.804	22.871	22.806	22.741	22.564	22.877	22.963
OFFSET	-4.847	-3.000	-2.400	0.000	2.400	3.000	4.500	6.000	6.383

CH 385.023



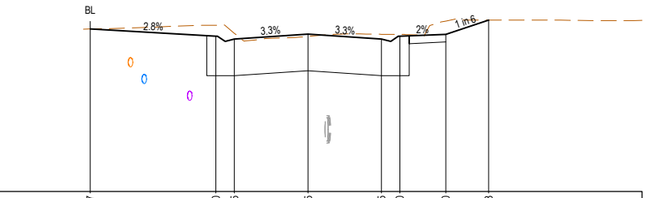
DATUM RL 19.0							
DESIGN SURFACE	21.698	21.610	21.565	21.645	21.565	21.610	21.640	21.872
EXISTING SURFACE	21.698	21.791	21.620	21.588	21.629	21.625	21.816	21.872
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.891

CH 350.000



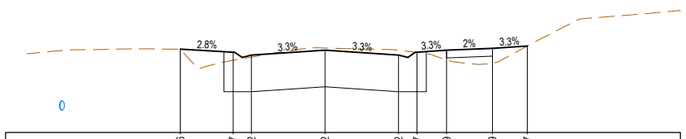
DATUM RL 20.0								
DESIGN SURFACE	22.659	22.682	22.637	22.717	22.637	22.682	22.732	22.762	22.783
EXISTING SURFACE	22.659	22.578	22.631	22.711	22.639	22.587	22.396	22.615	22.783
OFFSET	-5.169	-3.000	-2.400	0.000	2.400	3.000	4.490	5.990	6.624

CH 380.000



DATUM RL 19.0							
DESIGN SURFACE	21.647	21.530	21.485	21.565	21.485	21.530	21.560	21.793
EXISTING SURFACE	21.647	21.709	21.578	21.527	21.562	21.559	21.777	21.793
OFFSET	-7.100	-3.000	-2.400	0.000	2.400	3.000	4.500	5.898

CH 347.487



DATUM RL 21.0								
DESIGN SURFACE	22.356	22.307	22.262	22.342	22.262	22.307	22.339	22.369	22.407
EXISTING SURFACE	22.356	22.174	22.228	22.376	22.338	22.303	22.183	22.126	22.407
OFFSET	-4.721	-3.000	-2.400	0.000	2.400	3.000	3.966	5.466	6.595

CH 370.000

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ. 1:100 0 1 2 4 6
VERT. 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
THE ESPLANADE
(SHEET 7 OF 8)

Sheet 19 of 34

Scale: 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	206	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-200-RXS.dwg

LEGEND

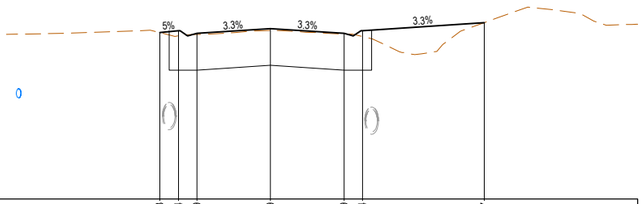
EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS
NEW DRAINAGE PIPE
EXISTING WATER
EXISTING ELECTRICITY

NOTES:

UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

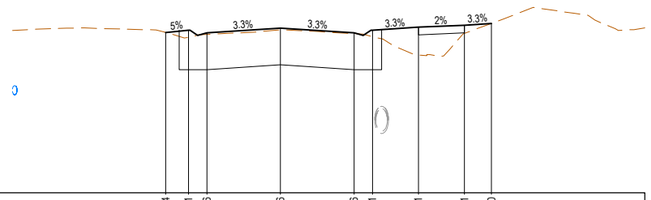
DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



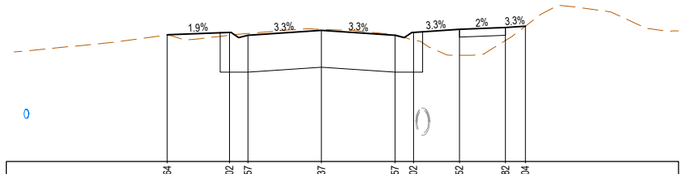
DATUM RL 21.0											
DESIGN SURFACE	23.713	23.744	23.699	23.779	23.699	23.744	23.877				
EXISTING SURFACE	23.713	23.659	23.683	23.750	23.692	23.650	23.877				
OFFSET	-3.611	-3.000	-2.400	0.000	2.400	3.000	6.974				

CH 418.778



DATUM RL 21.0											
DESIGN SURFACE	23.614	23.651	23.606	23.686	23.606	23.651	23.701	23.731	23.760		
EXISTING SURFACE	23.614	23.533	23.580	23.655	23.595	23.546	23.246	23.599	23.760		
OFFSET	-3.740	-3.000	-2.400	0.000	2.400	3.000	4.500	6.000	6.882		

CH 412.644



DATUM RL 21.0									
DESIGN SURFACE	23.064	23.102	23.057	23.137	23.057	23.102	23.152	23.182	23.204
EXISTING SURFACE	23.064	23.057	23.084	23.152	23.065	22.978	22.728	22.971	23.204
OFFSET	-5.029	-3.000	-2.400	0.000	2.400	3.000	4.500	6.000	6.650

CH 391.402

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ. 1:100 0 1 2 4 6
VERT. 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
THE ESPLANADE
(SHEET 8 OF 8)

Sheet 20 of 34

Scale: 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	207	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-200-RXS.dwg

LEGEND

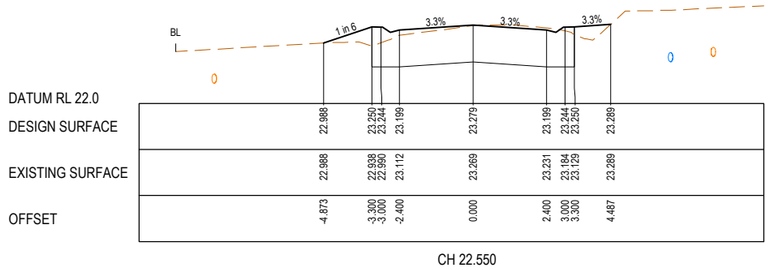
EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS
NEW DRAINAGE PIPE
EXISTING WATER
EXISTING ELECTRICITY

NOTES:

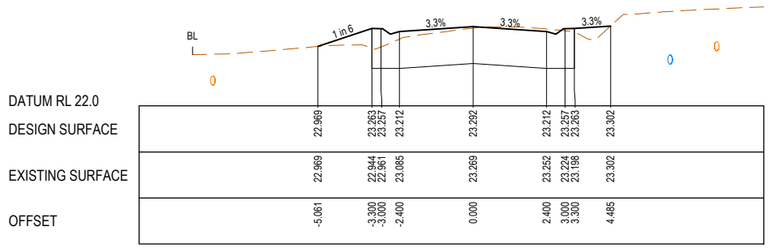
UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

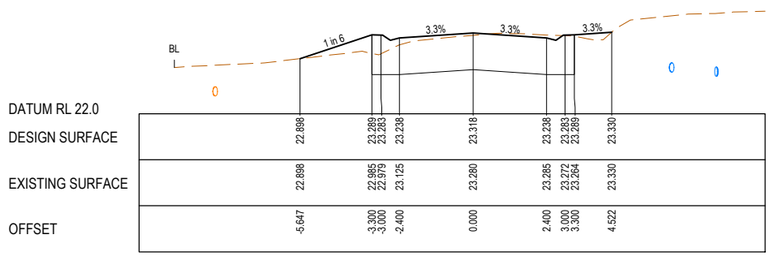
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



CH 22.550



CH 20.000



CH 14.719

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ. 1:100 0 1 2 4 6
VERT. 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
BATMAN STREET

Sheet 21 of 34
Scale 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	210	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-200-RXS.dwg

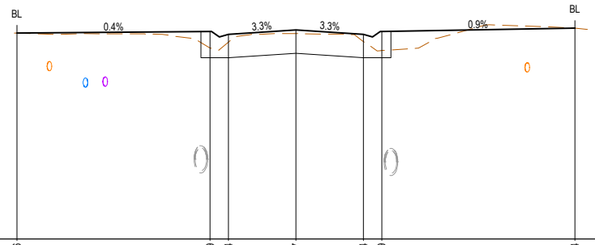
LEGEND

EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS | NEW DRAINAGE PIPE
EXISTING WATER | EXISTING ELECTRICITY

NOTES:
UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

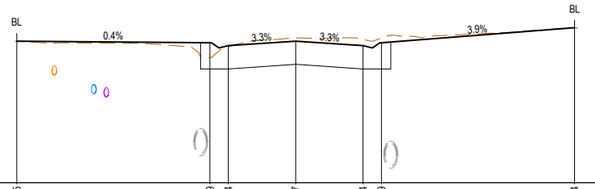
DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



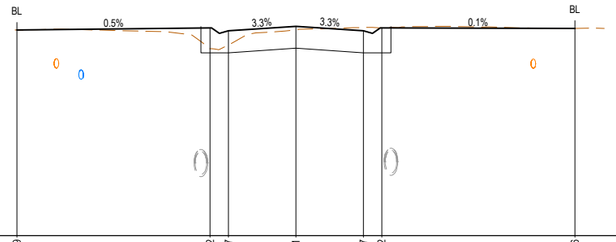
DATUM RL 16.0												
DESIGN SURFACE	19.356		19.379	19.334	19.407	19.334	19.379		19.434			
EXISTING SURFACE	19.356		19.114	19.209	19.348	19.217	19.070		19.434			
OFFSET	-9.100		-2.800	-2.200	0.000	2.200	2.800		9.100			

CH 30.000



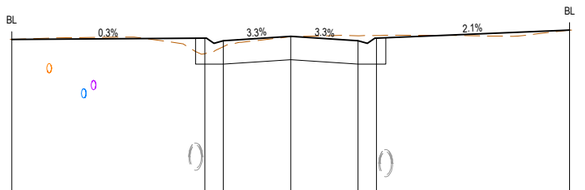
DATUM RL 17.0												
DESIGN SURFACE	19.305		19.279	19.234	19.307	19.234	19.279		19.524			
EXISTING SURFACE	19.305		19.040	19.210	19.361	19.332	19.356		19.524			
OFFSET	-9.100		-2.800	-2.200	0.000	2.200	2.800		9.100			

CH 60.000



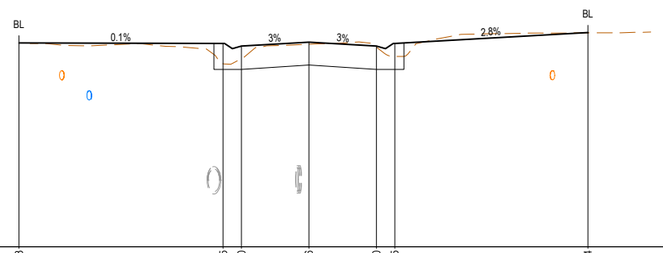
DATUM RL 16.0												
DESIGN SURFACE	19.349		19.382	19.337	19.411	19.337	19.382		19.376			
EXISTING SURFACE	19.349		19.047	19.108	19.355	19.392	19.384		19.376			
OFFSET	-9.100		-2.800	-2.200	0.000	2.200	2.800		9.100			

CH 20.000



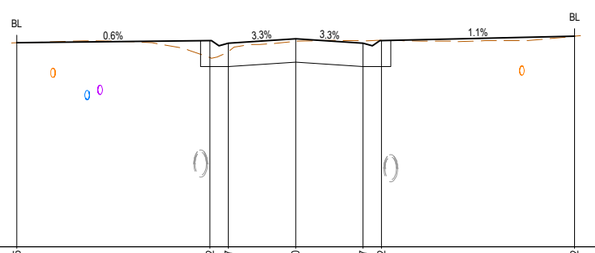
DATUM RL 16.0												
DESIGN SURFACE	19.325		19.345	19.300	19.374	19.300	19.345		19.475			
EXISTING SURFACE	19.325		19.092	19.204	19.368	19.384	19.385		19.475			
OFFSET	-9.100		-2.800	-2.200	0.000	2.200	2.800		9.100			

CH 40.000



DATUM RL 16.0												
DESIGN SURFACE	19.323		19.315	19.270	19.336	19.270	19.315		19.494			
EXISTING SURFACE			18.983	19.068	19.302	19.256	19.104		19.486			
OFFSET	-9.458		-2.800	-2.200	0.000	2.200	2.800		9.100			

CH 11.549



DATUM RL 16.0												
DESIGN SURFACE	19.325		19.362	19.317	19.390	19.317	19.362		19.432			
EXISTING SURFACE	19.325		19.085	19.178	19.351	19.358	19.364		19.432			
OFFSET	-9.100		-2.800	-2.200	0.000	2.200	2.800		9.100			

CH 35.000

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ. 1:100 0 1 2 4 6
VERT. 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
LINKS STREET
(SHEET 1 OF 2)

Sheet 22 of 34
Scale 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	220	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-200-RXS.dwg

LEGEND

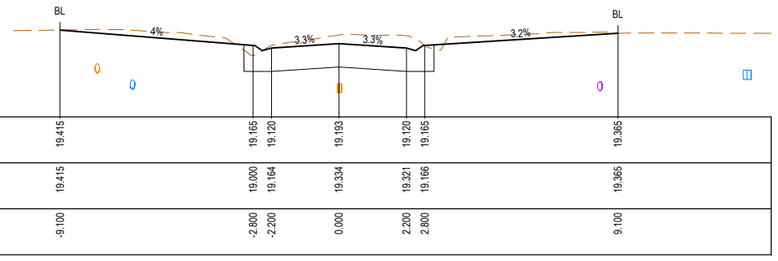
EXISTING SURFACE
DESIGN SURFACE
EXISTING COMMS
NEW DRAINAGE PIPE
EXISTING WATER
EXISTING ELECTRICITY

NOTES:

UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

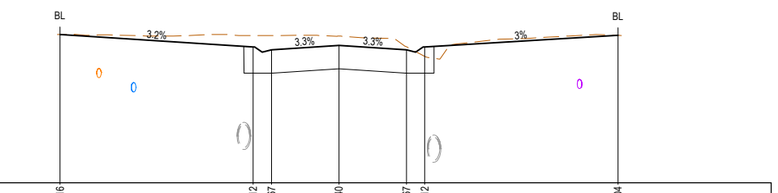
DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



DATUM RL 18.0										
DESIGN SURFACE	19.415	19.165	19.120	19.193	19.120	19.165	19.365			
EXISTING SURFACE	19.415	19.000	19.164	19.334	19.321	19.166	19.365			
OFFSET	-9.100	-2.800	-2.200	0.000	2.200	2.800	9.100			

CH 94.102



DATUM RL 17.0										
DESIGN SURFACE	19.416	19.212	19.167	19.240	19.167	19.212	19.404			
EXISTING SURFACE	19.416	19.400	19.401	19.390	19.217	19.063	19.404			
OFFSET	-9.100	-2.800	-2.200	0.000	2.200	2.800	9.100			

CH 80.000

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ. 1:100 0 1 2 4 6
VERT. 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

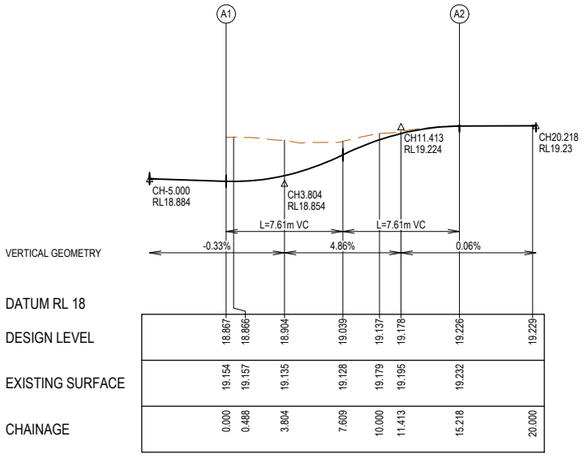
Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: ROAD CROSS SECTIONS
LINKS STREET
(SHEET 2 OF 2)

Sheet 23 of 34
Scale 1:100 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	221	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-200-RXS.dwg

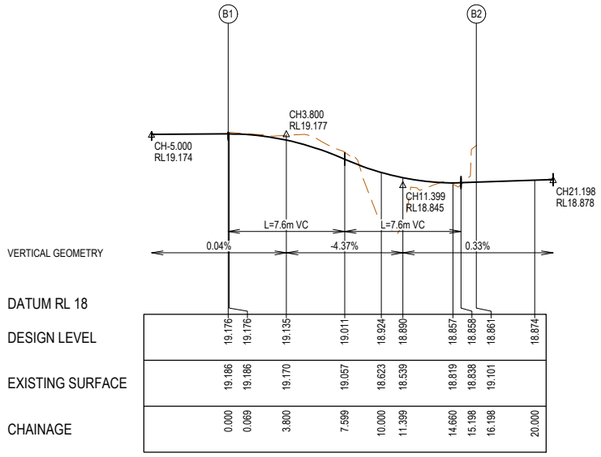


LIP LINE A

LIP LINE A

Point no	Easting	Northing	RL
A1	349859.512	5736471.052	18.867
A2	349846.170	5736467.561	19.226

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
A1 - A2	87.191	10.000	15.218	2.758	2.043	3.713	3.182	3.804	19.039

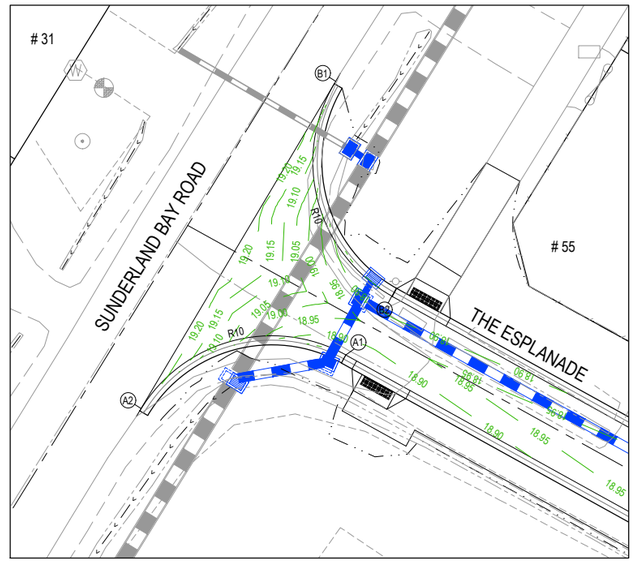


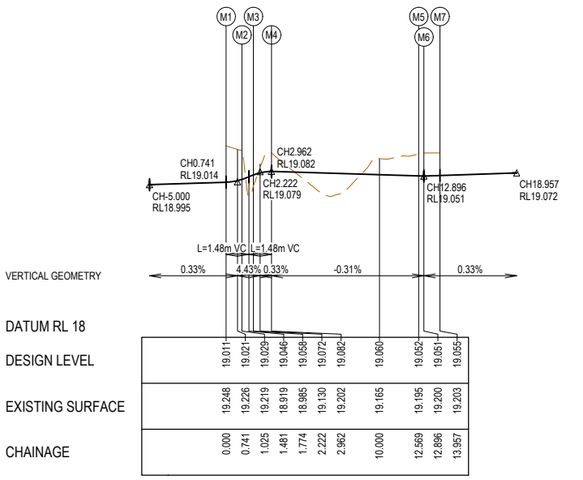
LIP LINE B

LIP LINE B

Point no	Easting	Northing	RL
B1	349858.856	5736488.886	19.176
B2	349862.523	5736474.873	18.861

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
B1 - B2	92.809	10.000	16.198	3.104	2.296	3.940	3.302	4.050	18.990



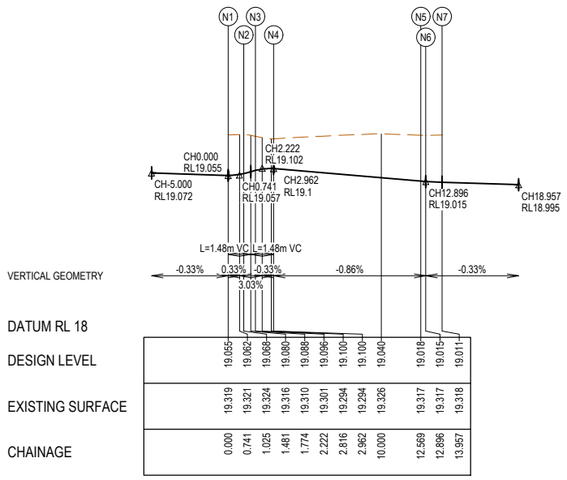


LIP LINE M

LIP LINE M

Point no	Easting	Northing	RL
M1	349902.965	5736452.519	19.011
M2	349903.480	5736451.684	19.029
M3	349903.510	5736450.936	19.058
M4	349904.175	5736450.034	19.082
M5	349913.226	5736446.816	19.052
M6	349913.524	5736446.682	19.051
M7	349914.452	5736446.169	19.055

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
M1 - M2	58.752	1.000	1.025	0.129	0.096	0.254	0.237	0.256	19.017
M3 - M4	68.110	1.000	1.189	0.172	0.128	0.293	0.267	0.297	19.075
M5 - M6	9.359	2.000	0.327	0.007	0.005	0.082	0.082	0.082	19.052

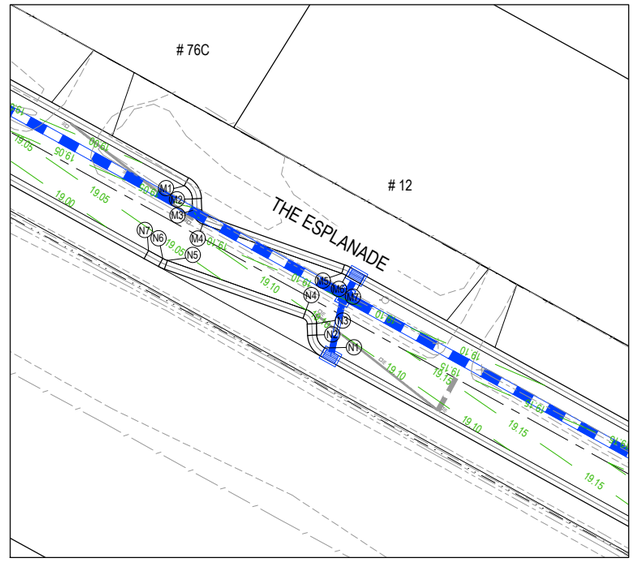


LIP LINE N

LIP LINE N

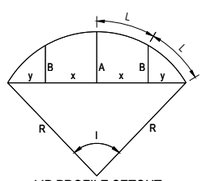
Point no	Easting	Northing	RL
N1	349912.130	5736441.968	19.055
N2	349911.615	5736442.803	19.068
N3	349911.585	5736443.550	19.088
N4	349910.920	5736444.452	19.100
N5	349901.869	5736447.670	19.018
N6	349901.571	5736447.804	19.015
N7	349900.643	5736448.318	19.011

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
N1 - N2	58.752	1.000	1.025	0.129	0.096	0.254	0.237	0.256	19.059
N3 - N4	68.110	1.000	1.189	0.172	0.128	0.293	0.267	0.297	19.098
N5 - N6	9.359	2.000	0.327	0.007	0.005	0.082	0.082	0.082	19.016



LEGEND

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY



LIP PROFILE SETOUT

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ 1:200 0 4 8 12
VERT 1:20 0 0.4 0.8 1.2
SCALE AT A1 SIZE

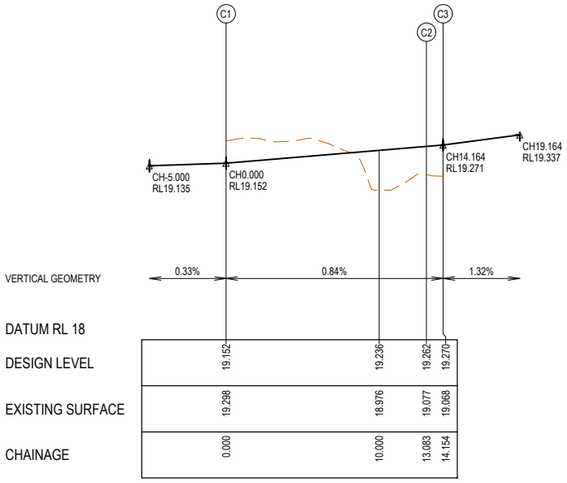
Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

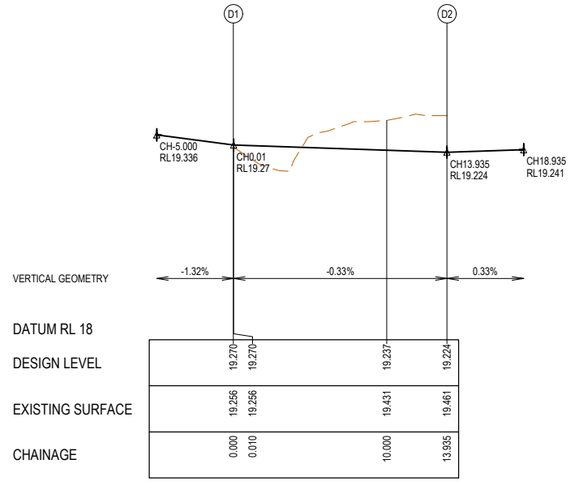
Project Details	THE ESPLANDADE, SURF BEACH STAGE 01 BASS COAST SHIRE COUNCIL
Drawing Title	INTERSECTION DETAILS (SHEET 1 OF 4)

Sheet	24 of 34		
Scale	1:200 H 1:20 V @ A1		
Project Ref	Stage No	Drawing No	Rev
2503125	00	300	P1

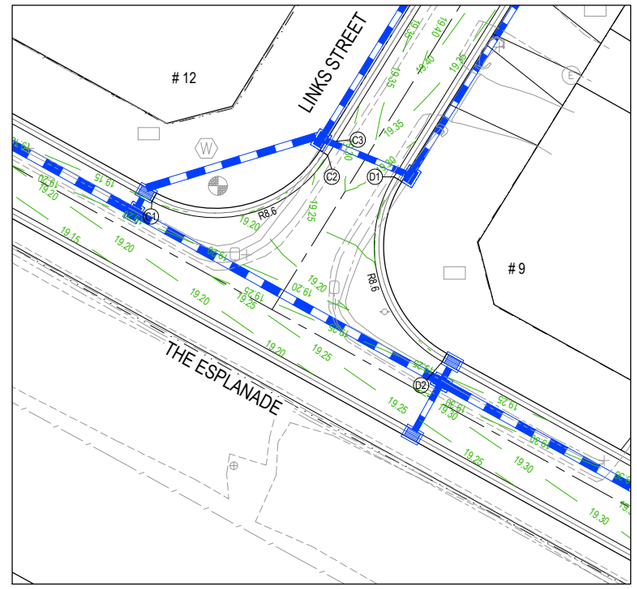
K:\jobs data\2503125 - The Esplanade Surf Beach_Engi_General\Drawings\2503125-00-300-INT.dwg



LIP LINE C



LIP LINE D



LIP LINE C

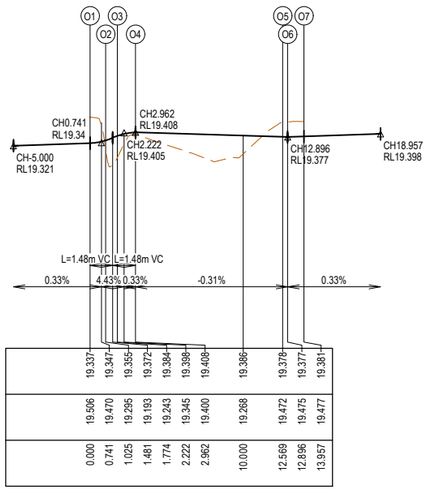
Point no	Easting	Northing	RL
C1	349939.950	5736432.075	19.152
C2	349951.422	5736435.073	19.262
C3	349951.986	5736435.984	19.270

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
C1 - C2	87.161	8.600	13.083	2.370	1.756	3.192	2.736	3.271	19.207

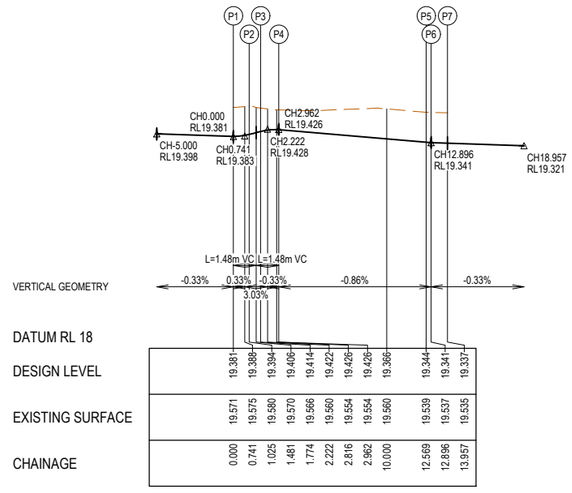
LIP LINE D

Point no	Easting	Northing	RL
D1	349955.727	5736433.667	19.270
D2	349958.878	5736421.613	19.224

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
D1 - D2	92.839	8.600	13.935	2.671	1.975	3.389	2.841	3.484	19.247



LIP LINE O



LIP LINE P

LIP LINE O

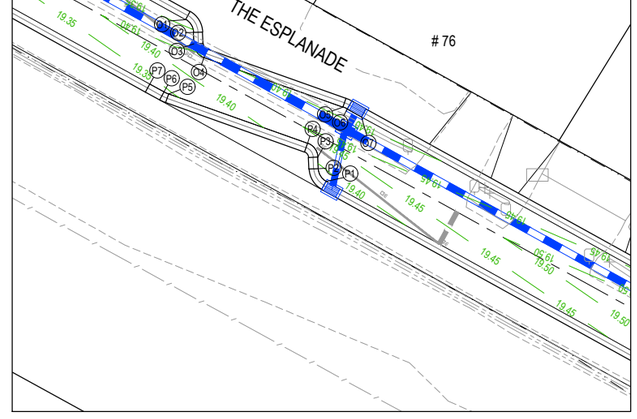
Point no	Easting	Northing	RL
O1	349988.654	5736405.154	19.337
O2	349989.169	5736404.319	19.355
O3	349989.199	5736403.572	19.384
O4	349989.863	5736402.670	19.408
O5	349998.915	5736399.452	19.378
O6	349999.213	5736399.318	19.377
O7	350000.141	5736398.804	19.381

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
O1 - O2	58.752	1.000	1.025	0.129	0.096	0.254	0.237	0.256	19.343
O3 - O4	68.110	1.000	1.189	0.172	0.128	0.293	0.267	0.297	19.401
O5 - O6	9.359	2.000	0.327	0.007	0.005	0.082	0.082	0.082	19.378

LIP LINE P

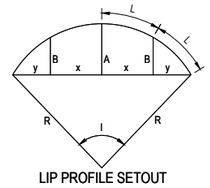
Point no	Easting	Northing	RL
P1	349997.819	5736394.603	19.381
P2	349997.304	5736395.438	19.394
P3	349997.274	5736396.186	19.414
P4	349996.609	5736397.087	19.426
P5	349987.558	5736400.306	19.344
P6	349987.260	5736400.440	19.341
P7	349986.332	5736400.953	19.337

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
P1 - P2	58.752	1.000	1.025	0.129	0.096	0.254	0.237	0.256	19.385
P3 - P4	68.110	1.000	1.189	0.172	0.128	0.293	0.267	0.297	19.424
P5 - P6	9.359	2.000	0.327	0.007	0.005	0.082	0.082	0.082	19.342



LEGEND

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY



LIP PROFILE SETOUT

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

HORIZ 1:200 0 4 8 12
VERT 1:20 0 0.4 0.8 1.2
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

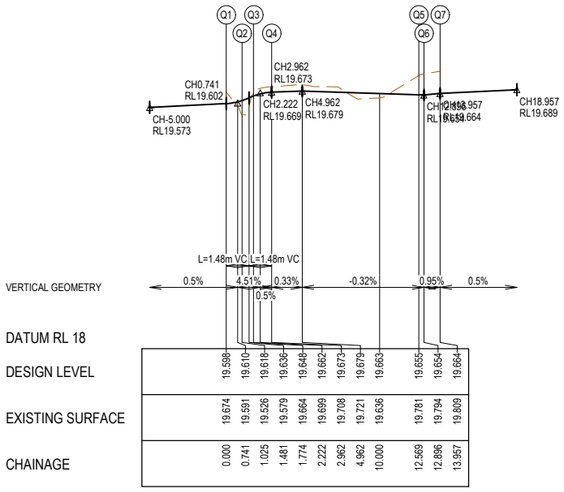
Project Details: THE ESPLANADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: INTERSECTION DETAILS
(SHEET 2 OF 4)

Sheet 25 of 34
Scale 1:200 H 1:20 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	301	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-300-INT.dwg

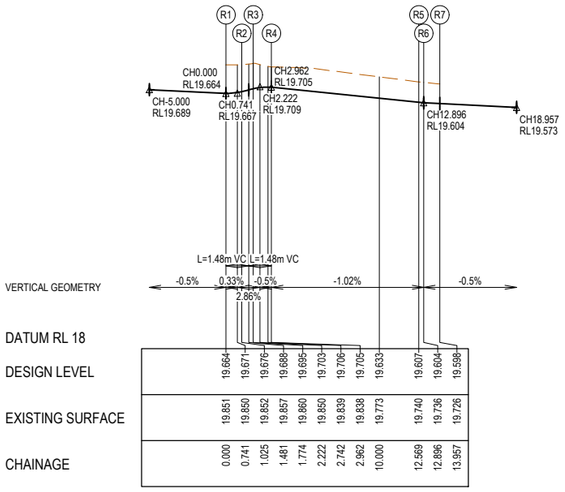


LIP LINE Q

LIP LINE Q

Point no	Easting	Northing	RL
Q1	350055.420	5736368.249	19.598
Q2	350055.936	5736367.414	19.618
Q3	350055.966	5736366.667	19.648
Q4	350056.630	5736365.765	19.673
Q5	350065.682	5736362.547	19.655
Q6	350065.979	5736362.412	19.654
Q7	350066.908	5736361.899	19.664

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
Q1 - Q2	58.752	1.000	1.025	0.129	0.096	0.254	0.237	0.256	19.605
Q3 - Q4	68.110	1.000	1.189	0.172	0.128	0.293	0.267	0.297	19.665
Q5 - Q6	9.359	2.000	0.327	0.007	0.005	0.082	0.082	0.082	19.654

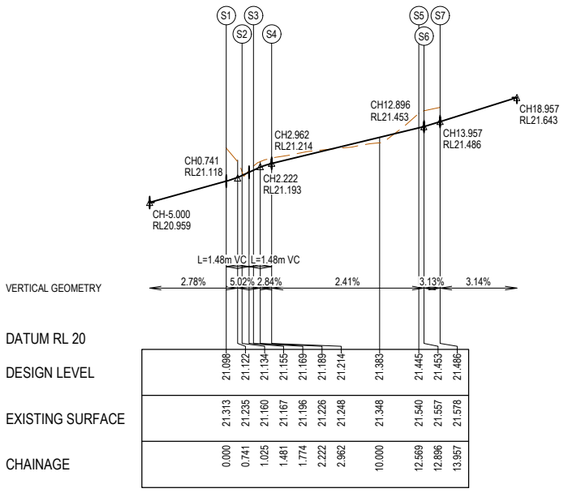


LIP LINE R

LIP LINE R

Point no	Easting	Northing	RL
R1	350064.586	5736357.698	19.664
R2	350064.070	5736358.533	19.676
R3	350064.040	5736359.281	19.695
R4	350063.376	5736360.182	19.705
R5	350054.324	5736363.401	19.607
R6	350054.027	5736363.535	19.604
R7	350053.098	5736364.048	19.598

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
R1 - R2	58.752	1.000	1.025	0.129	0.096	0.254	0.237	0.256	19.668
R3 - R4	68.110	1.000	1.189	0.172	0.128	0.293	0.267	0.297	19.704
R5 - R6	9.359	2.000	0.327	0.007	0.005	0.082	0.082	0.082	19.605

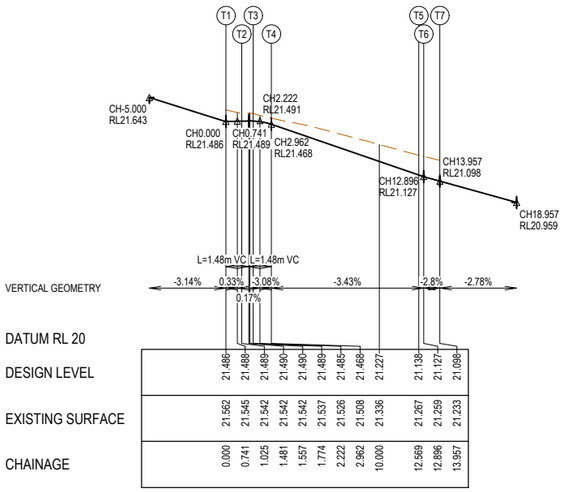


LIP LINE S

LIP LINE S

Point no	Easting	Northing	RL
S1	350143.003	5736319.838	21.098
S2	350143.518	5736319.003	21.134
S3	350143.549	5736318.255	21.169
S4	350144.213	5736317.354	21.214
S5	350153.264	5736314.135	21.445
S6	350153.562	5736314.001	21.453
S7	350154.491	5736313.488	21.486

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
S1 - S2	58.752	1.000	1.025	0.129	0.096	0.254	0.237	0.256	21.114
S3 - S4	68.110	1.000	1.189	0.172	0.128	0.293	0.267	0.297	21.194
S5 - S6	9.359	2.000	0.327	0.007	0.005	0.082	0.082	0.082	21.449

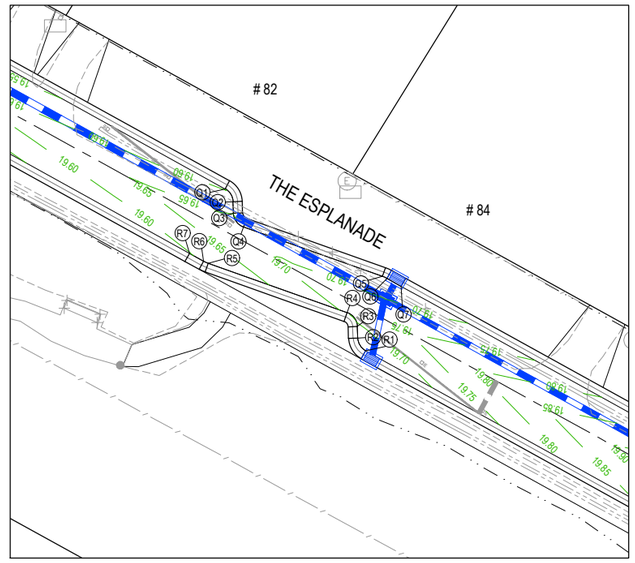


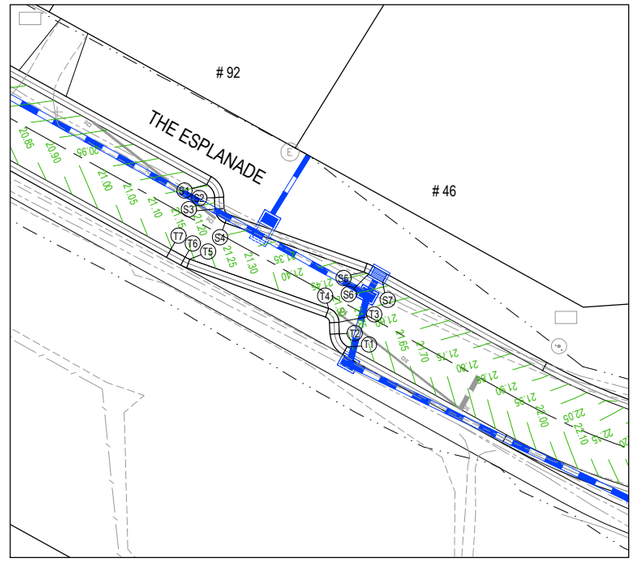
LIP LINE T

LIP LINE T

Point no	Easting	Northing	RL
T1	350152.168	5736309.287	21.486
T2	350151.653	5736310.122	21.489
T3	350151.623	5736310.869	21.489
T4	350150.959	5736311.771	21.468
T5	350141.907	5736314.990	21.138
T6	350141.609	5736315.124	21.127
T7	350140.681	5736315.637	21.098

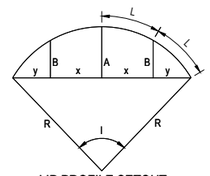
Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
T1 - T2	58.752	1.000	1.025	0.129	0.096	0.254	0.237	0.256	21.488
T3 - T4	68.110	1.000	1.189	0.172	0.128	0.293	0.267	0.297	21.483
T5 - T6	9.359	2.000	0.327	0.007	0.005	0.082	0.082	0.082	21.133





LEGEND

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY



LIP PROFILE SETOUT

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ 1:200 0 4 8 12
VERT 1:20 0 0.4 0.8 1.2
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: INTERSECTION DETAILS
(SHEET 3 OF 4)

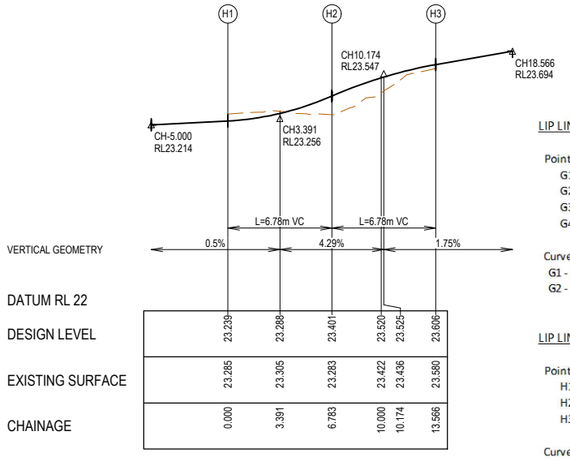
Sheet 26 of 34
Scale 1:200 H 1:20 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	302	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engi_General\Drawings\2503125-00-300-INT.dwg



LIP LINE G



LIP LINE H

LIP LINE G

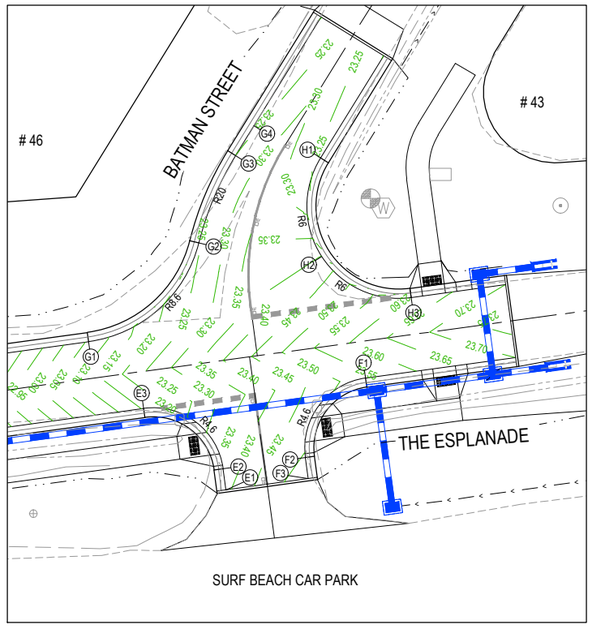
Point no	Easting	Northing	RL
G1	350194.512	5736304.251	23.058
G2	350201.691	5736310.693	23.245
G3	350204.092	5736316.386	23.250
G4	350205.296	5736318.330	23.241

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
G1 - G2	68.226	8.600	10.241	1.480	1.102	2.523	2.301	2.560	23.192
G2 - G3	17.769	20.000	6.203	0.240	0.180	1.549	1.540	1.551	23.253

LIP LINE H

Point no	Easting	Northing	RL
H1	350209.642	5736316.232	23.239
H2	350209.713	5736309.805	23.401
H3	350215.558	5736307.130	23.606

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
H1 - H2	64.772	6.000	6.783	0.933	0.695	1.673	1.540	1.696	23.288
H2 - H3	64.772	6.000	6.783	0.933	0.695	1.673	1.540	1.696	23.525



LIP LINE E

LIP LINE F

LIP LINE E

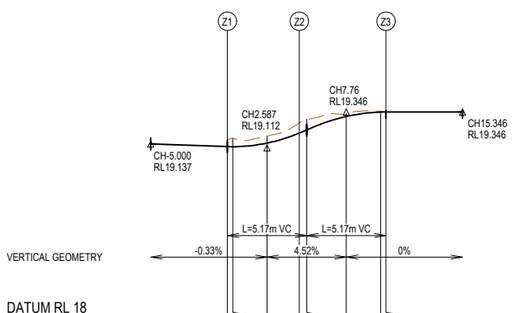
Point no	Easting	Northing	RL
E1	350203.479	5736294.590	23.388
E2	350203.291	5736295.964	23.362
E3	350198.110	5736299.898	23.156

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
E2 - E3	90.000	4.600	7.226	1.347	0.997	1.760	1.492	1.806	23.271

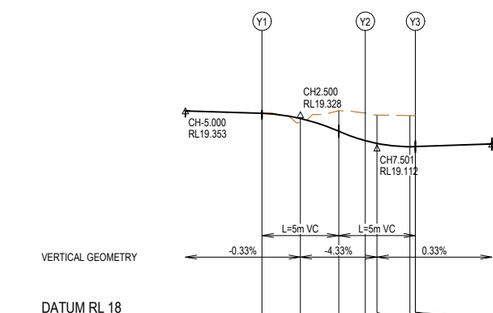
LIP LINE F

Point no	Easting	Northing	RL
F1	350212.575	5736301.877	23.537
F2	350208.641	5736296.696	23.506
F3	350208.829	5736295.322	23.531

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
F1 - F2	90.000	4.600	7.226	1.347	0.997	1.760	1.492	1.806	23.486



LIP LINE Z



LIP LINE Y

LIP LINE Y

Point no	Easting	Northing	RL
Y1	350006.789	5736507.662	19.337
Y2	350000.912	5736506.626	19.159
Y3	349999.193	5736503.850	19.120

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
Y1 - Y2	96.478	4.000	6.735	1.336	0.987	1.635	1.349	1.684	19.280

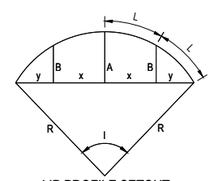
LIP LINE Z

Point no	Easting	Northing	RL
Z1	349995.452	5736506.167	19.120
Z2	349997.923	5736510.157	19.208
Z3	349997.136	5736515.291	19.346

Curve no	I	Radius	Arc	A	B	X	Y	I	Mid point RL
Z2 - Z3	80.976	4.000	5.653	0.958	0.711	1.384	1.213	1.413	19.311

LEGEND

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY



LIP PROFILE SETOUT

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ 1:200 0 4 8 12
VERT 1:20 0 0.4 0.8 1.2
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

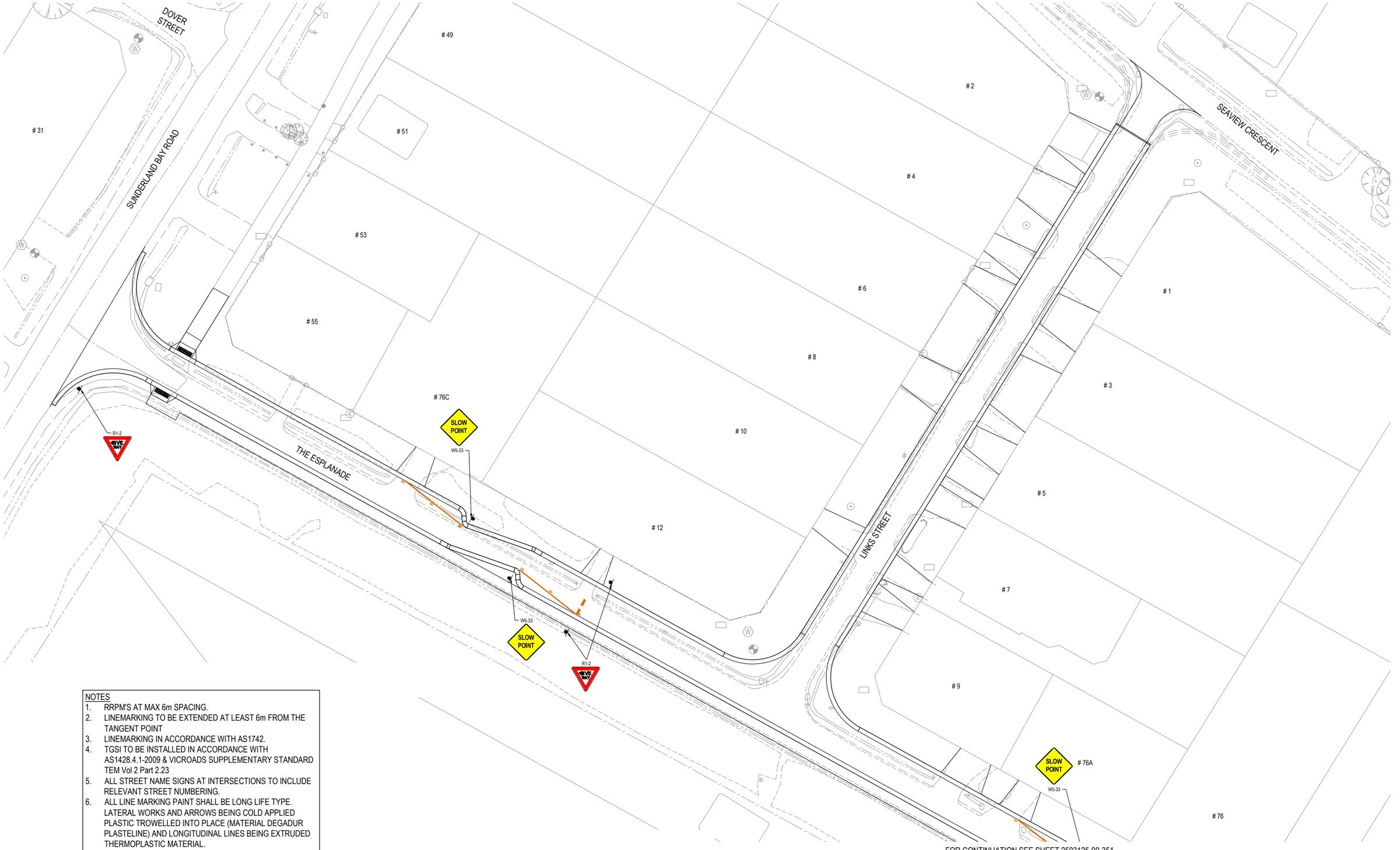
Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: INTERSECTION DETAILS
(SHEET 4 OF 4)

Sheet 27 of 34
Scale 1:200 H 1:20 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	303	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engi_General\Drawings\2503125-00-300-INT.dwg



NOTES

1. RRPM'S AT MAX 6m SPACING.
2. LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
3. LINEMARKING IN ACCORDANCE WITH AS1742.
4. TGSI TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1-2009 & VICROADS SUPPLEMENTARY STANDARD TEM Vol 2 Part 2.23
5. ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
6. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
7. EVERY LOT TO HAVE STREET NUMBER STAMPED ON KERB IN ACCORDANCE WITH COUNCIL REQUIREMENTS. CONTRACTOR TO OBTAIN LATEST STREET NUMBERING FROM SURVEY CONSULTANT PRIOR TO STAMPING.

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

0 2.5 5 10 15 20
SCALE 1:250 AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: SIGNAGE & LINE MARKING PLANS
(SHEET 1 OF 3)

Sheet 28 of 34

Scale 1:250 @ A1

N

Project Ref	Stage No	Drawing No	Rev
2503125	00	350	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-350-LMP.dwg



NOTES
1. RRPM'S AT MAX 6m SPACING.
2. LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
3. LINEMARKING IN ACCORDANCE WITH AS1742.
4. TGSI TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1-2009 & VICROADS SUPPLEMENTARY STANDARD TEM Vol 2 Part 2.23
5. ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
6. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
7. EVERY LOT TO HAVE STREET NUMBER STAMPED ON KERB IN ACCORDANCE WITH COUNCIL REQUIREMENTS. CONTRACTOR TO OBTAIN LATEST STREET NUMBERING FROM SURVEY CONSULTANT PRIOR TO STAMPING.

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved.
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

0 2.5 5 10 15 20
SCALE 1:250 AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

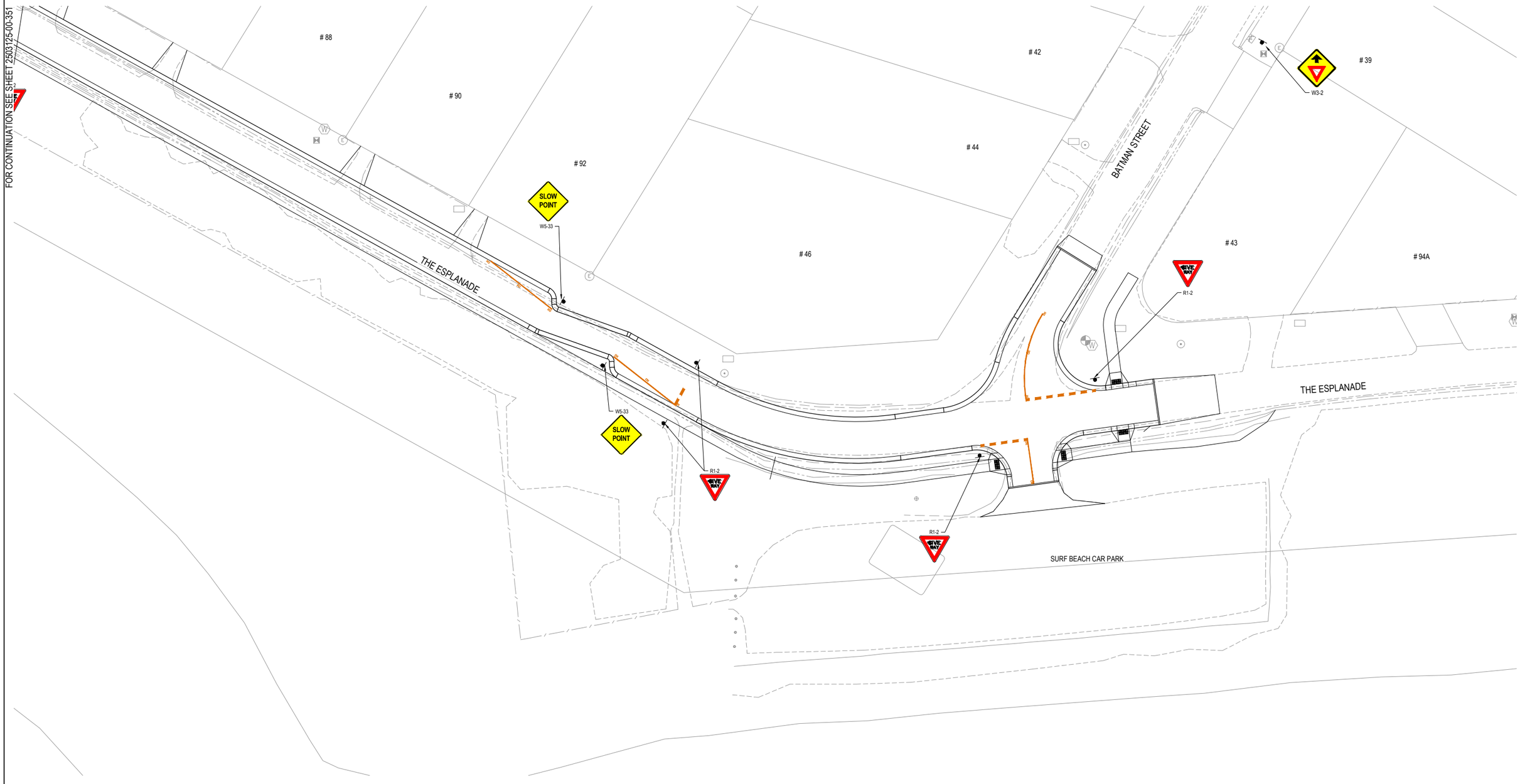
Drawing Title: SIGNAGE & LINE MARKING PLANS
(SHEET 2 OF 3)

Sheet 29 of 34
Scale 1:250 @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	351	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-350-LMP.dwg

FOR CONTINUATION SEE SHEET 2503125-00-351



NOTES
1. RRPM'S AT MAX 6m SPACING.
2. LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
3. LINEMARKING IN ACCORDANCE WITH AS1742.
4. TGSI TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1-2009 & VICROADS SUPPLEMENTARY STANDARD TEM Vol 2 Part 2.23
5. ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
6. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
7. EVERY LOT TO HAVE STREET NUMBER STAMPED ON KERB IN ACCORDANCE WITH COUNCIL REQUIREMENTS. CONTRACTOR TO OBTAIN LATEST STREET NUMBERING FROM SURVEY CONSULTANT PRIOR TO STAMPING.

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

0 2.5 5 10 15 20
SCALE 1:250 AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: SIGNAGE & LINE MARKING PLANS
(SHEET 3 OF 3)

Sheet 30 of 34

Scale 1:250 @ A1

N

Project Ref	Stage No	Drawing No	Rev
2503125	00	352	P1

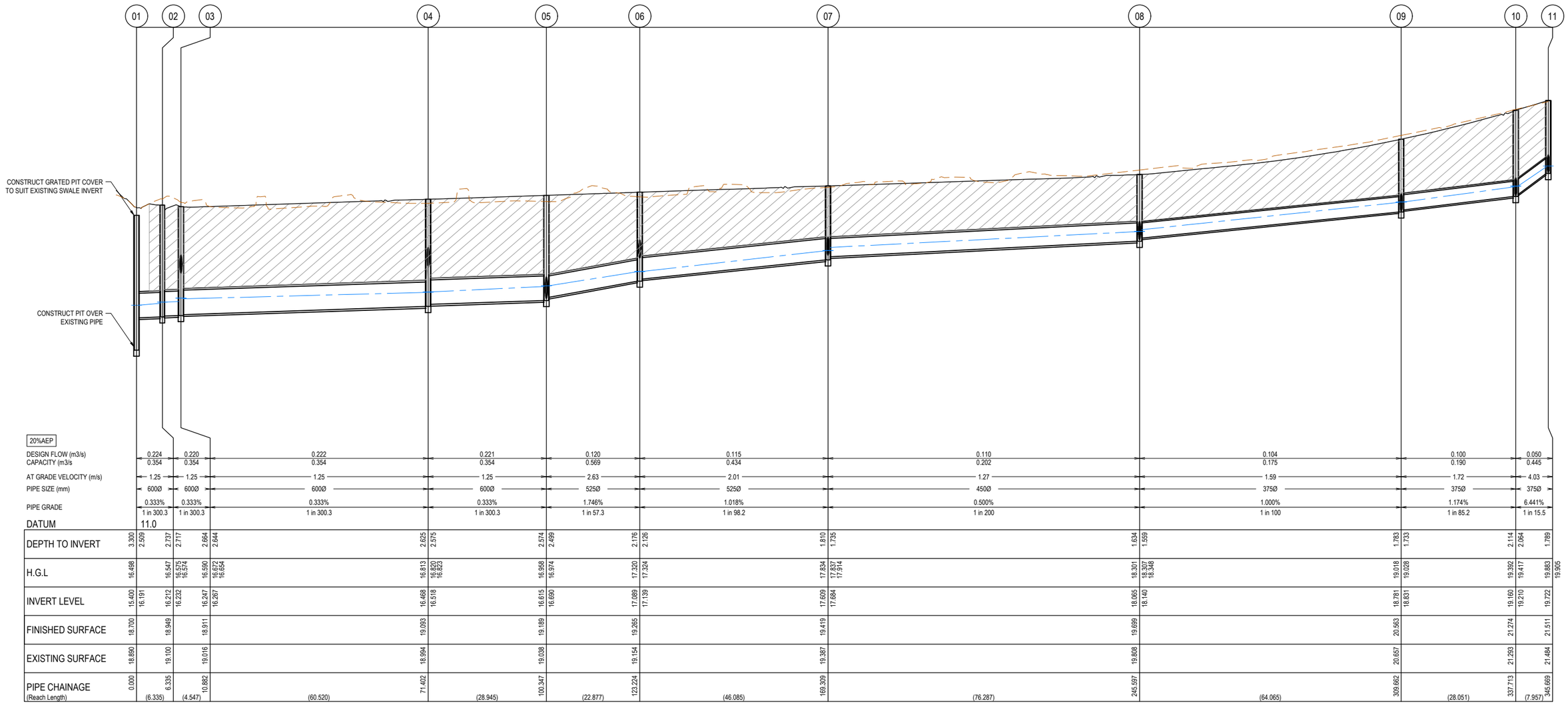
K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-350-LMP.dwg

NOTES:
ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

NOTES:
UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

LEGEND
- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- 20mm CLASS 3 FCR BACKFILL.
- EXISTING COMMS
- EXISTING ELECTRICITY
- EXISTING WATER



20%AEP																						
DESIGN FLOW (m3/s)		0.224		0.220		0.222		0.221		0.120		0.115		0.110		0.104		0.100		0.050		
CAPACITY (m3/s)		0.354		0.354		0.354		0.354		0.569		0.434		0.202		0.175		0.190		0.445		
AT GRADE VELOCITY (m/s)		1.25		1.25		1.25		1.25		2.63		2.01		1.27		1.59		1.72		4.03		
PIPE SIZE (mm)		600Ø		600Ø		600Ø		600Ø		525Ø		525Ø		450Ø		375Ø		375Ø		375Ø		
PIPE GRADE		0.333%		0.333%		0.333%		0.333%		1.746%		1.018%		0.500%		1.000%		1.174%		6.441%		
		1 in 300.3		1 in 300.3		1 in 300.3		1 in 300.3		1 in 57.3		1 in 98.2		1 in 200		1 in 100		1 in 85.2		1 in 15.5		
DATUM		11.0																				
DEPTH TO INVERT	3.300	2.509	2.737	2.717	2.664	2.644	2.625	2.575	2.574	2.499	2.176	2.126	1.810	1.735	1.634	1.559	1.783	1.733	2.114	2.064	1.789	
H.G.L	16.498		16.547	16.575 16.574	16.590	16.672 16.654	16.813	16.620 16.623	16.958	16.974	17.320	17.324	17.834	17.837 17.914	18.301	18.307 18.348	19.018	19.028	19.392	19.417	19.883	19.905
INVERT LEVEL	15.400	16.191	16.212	16.232	16.247	16.267	16.468	16.518	16.615	16.690	17.089	17.139	17.609	17.684	18.065	18.140	18.781	18.831	19.160	19.210	19.722	
FINISHED SURFACE	18.700		18.949		18.911		19.093		19.189		19.265		19.419		19.699		20.563		21.274		21.511	
EXISTING SURFACE	18.890		19.100		19.016		18.994		19.038		19.154		19.387		19.808		20.657		21.293		21.464	
PIPE CHAINAGE	0.000		6.335		10.882		71.402		100.347		123.224		169.309		245.597		309.662		337.713		345.669	
(Reach Length)		(6.335)		(4.547)		(60.520)		(28.945)		(22.877)		(46.085)		(76.287)		(64.065)		(28.051)		(7.957)		

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose. No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ 1:500 0 5 10 20 30
VERT 1:50 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: DRAINAGE LONGITUDINAL SECTIONS
(SHEET 1 OF 3)

Sheet 31 of 34

Scale 1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	400	P1

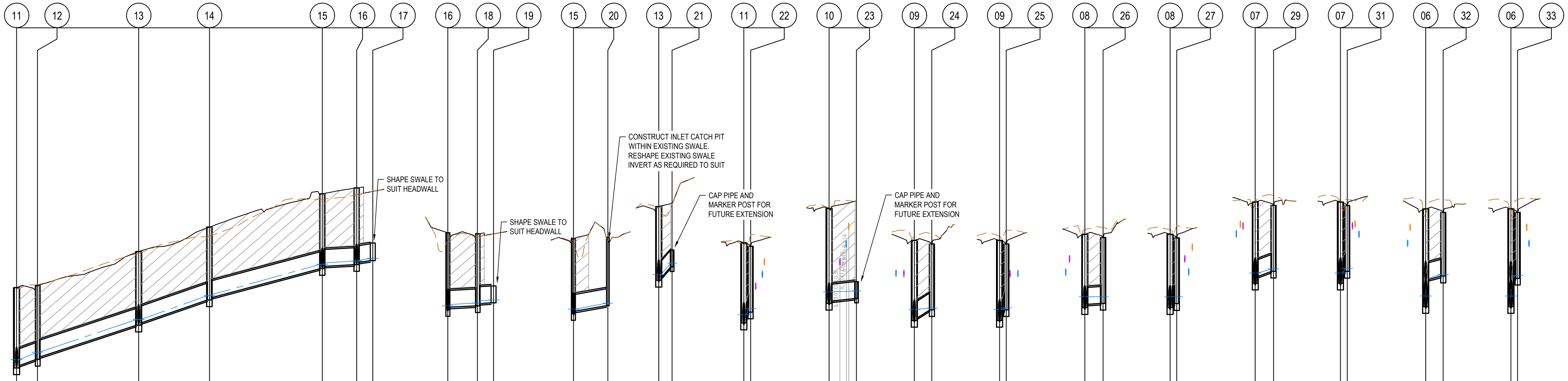
K:\jobs data\2503125 - The Esplanade Surf Beach_Engl._General\Drawings\2503125-00-400-DLS.dwg

NOTES:
ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

NOTES:
UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

LEGEND
- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- 20mm CLASS 3 FCR BACKFILL.
- EXISTING COMMS
- EXISTING ELECTRICITY
- EXISTING WATER



20%AEP

Section 11 – 17 (DATUM 15.0)

	11	11–12	12	12–13	13	13–14	14	14–15	15	15–16	16	16–17	17
DESIGN FLOW (m3/s)		0.040		0.031		0.018		0.018		0.012		0.005	
CAPACITY (m3/s		0.304		0.312		0.316		0.281		0.124		0.185	
AT GRADE VELOCITY (m/s)		2.75		2.82		2.86		2.55		1.12		1.67	
PIPE SIZE (mm)		375Ø		375Ø		375Ø		375Ø		375Ø		375Ø	
PIPE GRADE		3.000% 1 in 33.3		3.160% 1 in 31.6		3.251% 1 in 30.8		2.574% 1 in 38.9		0.500% 1 in 200		1.110% 1 in 90.1	
DEPTH TO INVERT	1.789 1.739		1.644 1.594		1.642 1.592		1.622 1.572		1.668 1.618		1.709 1.659		0.394
H.G.L	19.883 19.905 19.902		20.056 20.073 20.070		20.801 20.803		21.333 21.352		22.031 22.032 22.063		22.102 22.103 22.116		22.163 22.164
INVERT LEVEL	19.722 19.772		19.911 19.961		20.675 20.725		21.238 21.288		21.935 21.985		22.023 22.073		22.113
FINISHED SURFACE	21.511		21.555		22.316		22.860		23.603		23.733		22.507
EXISTING SURFACE	21.484		21.572		22.269		22.661		23.485		23.583		23.653
PIPE CHAINAGE (Reach Length)	345.669	(4.633)	350.302	(22.573)	372.875	(15.775)	388.650	(25.154)	413.804	(7.667)	421.471	(3.600)	425.071

Section 16 – 19 (DATUM 16.0)

	16	16–18	18	18–19	19
DESIGN FLOW (m3/s)		0.007		0.007	
CAPACITY (m3/s		0.124		0.125	
AT GRADE VELOCITY (m/s)		1.12		1.13	
PIPE SIZE (mm)		375Ø		375Ø	
PIPE GRADE		0.500% 1 in 200		0.500% 1 in 200	
DEPTH TO INVERT	1.709 1.659		1.601 1.551		0.375
H.G.L	22.102 22.103 22.133		22.168 22.168 22.216		22.236
INVERT LEVEL	22.023 22.073		22.106 22.156		22.174
FINISHED SURFACE	23.733		23.708		22.549
EXISTING SURFACE	23.583		23.647		23.710
PIPE CHAINAGE (Reach Length)	0.000	(6.600)	6.600	(3.600)	10.200

Section 15 – 20 (DATUM 16.0)

	15	15–20	20
DESIGN FLOW (m3/s)		0.006	
CAPACITY (m3/s		0.224	
AT GRADE VELOCITY (m/s)		2.03	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		1.633% 1 in 61.2	
DEPTH TO INVERT	1.668 1.618		1.520
H.G.L	22.031 22.032		22.162 22.163
INVERT LEVEL	21.935 21.985		22.110
FINISHED SURFACE	23.603		23.630
EXISTING SURFACE	23.485		23.558
PIPE CHAINAGE (Reach Length)	0.000	(7.668)	7.668

Section 13 – 21 (DATUM 14.0)

	13	13–21	21
DESIGN FLOW (m3/s)		0.014	
CAPACITY (m3/s		0.506	
AT GRADE VELOCITY (m/s)		4.58	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		8.263% 1 in 12.1	
DEPTH TO INVERT	1.642 1.592		0.375
H.G.L	20.801 20.803		21.056
INVERT LEVEL	20.675 20.725		20.972
FINISHED SURFACE	22.316		21.347
EXISTING SURFACE	22.269		22.368
PIPE CHAINAGE (Reach Length)	0.000	(2.996)	2.996

Section 11 – 22 (DATUM 14.0)

	11	11–22	22
DESIGN FLOW (m3/s)		0.010	
CAPACITY (m3/s		0.630	
AT GRADE VELOCITY (m/s)		5.7	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		12.882% 1 in 7.8	
DEPTH TO INVERT	1.789 1.739		1.466
H.G.L	19.883 19.905 19.902		20.035 20.039
INVERT LEVEL	19.722 19.772		19.966
FINISHED SURFACE	21.511		21.432
EXISTING SURFACE	21.484		21.696
PIPE CHAINAGE (Reach Length)	0.000	(1.500)	1.500

Section 10 – 23 (DATUM 13.0)

	10	10–23	23
DESIGN FLOW (m3/s)		0.051	
CAPACITY (m3/s		0.176	
AT GRADE VELOCITY (m/s)		1.59	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		1.000% 1 in 100	
DEPTH TO INVERT	2.114 2.064		0.375
H.G.L	19.392 19.417		19.435 19.440
INVERT LEVEL	19.160 19.210	19.25 19.25	19.271
FINISHED SURFACE	21.274		19.646
EXISTING SURFACE	21.293		19.646
PIPE CHAINAGE (Reach Length)	0.000	2.41 3.82 4.37 (6.098)	6.098

Section 09 – 24 (DATUM 13.0)

	09	09–24	24
DESIGN FLOW (m3/s)		0.003	
CAPACITY (m3/s		0.384	
AT GRADE VELOCITY (m/s)		3.47	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		4.781% 1 in 20.9	
DEPTH TO INVERT	1.783 1.733		1.466
H.G.L	19.018 19.028		19.052
INVERT LEVEL	18.781 18.831		19.017
FINISHED SURFACE	20.563		20.483
EXISTING SURFACE	20.657		20.704
PIPE CHAINAGE (Reach Length)	0.000	(3.900)	3.900

Section 09 – 25 (DATUM 13.0)

	09	09–25	25
DESIGN FLOW (m3/s)		0.004	
CAPACITY (m3/s		0.618	
AT GRADE VELOCITY (m/s)		5.6	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		12.433% 1 in 8	
DEPTH TO INVERT	1.783 1.733		1.466
H.G.L	19.018 19.028		19.061 19.062
INVERT LEVEL	18.781 18.831		19.017
FINISHED SURFACE	20.563		20.483
EXISTING SURFACE	20.657		20.794
PIPE CHAINAGE (Reach Length)	0.000	(1.500)	1.500

Section 08 – 26 (DATUM 12.0)

	08	08–26	26
DESIGN FLOW (m3/s)		0.004	
CAPACITY (m3/s		0.124	
AT GRADE VELOCITY (m/s)		1.12	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		0.500% 1 in 200	
DEPTH TO INVERT	1.634 1.559		1.466
H.G.L	18.301 18.307		18.307 18.308
INVERT LEVEL	18.065 18.140		18.160
FINISHED SURFACE	19.699		19.626
EXISTING SURFACE	19.808		19.850
PIPE CHAINAGE (Reach Length)	0.000	(4.081)	4.081

Section 08 – 27 (DATUM 12.0)

	08	08–27	27
DESIGN FLOW (m3/s)		0.007	
CAPACITY (m3/s		0.169	
AT GRADE VELOCITY (m/s)		1.53	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		0.932% 1 in 107.3	
DEPTH TO INVERT	1.634 1.559		1.466
H.G.L	18.301 18.307		18.307 18.309
INVERT LEVEL	18.065 18.140		18.154
FINISHED SURFACE	19.699		19.620
EXISTING SURFACE	19.808		19.897
PIPE CHAINAGE (Reach Length)	0.000	(1.507)	1.507

Section 07 – 29 (DATUM 11.0)

	07	07–29	29
DESIGN FLOW (m3/s)		0.005	
CAPACITY (m3/s		0.298	
AT GRADE VELOCITY (m/s)		2.7	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		2.883% 1 in 34.7	
DEPTH TO INVERT	1.810 1.660		1.466
H.G.L	17.834 17.837		17.927 17.928
INVERT LEVEL	17.609 17.759		17.876
FINISHED SURFACE	19.419		19.342
EXISTING SURFACE	19.387		19.567
PIPE CHAINAGE (Reach Length)	0.000	(4.080)	4.080

Section 07 – 31 (DATUM 11.0)

	07	07–31	31
DESIGN FLOW (m3/s)		0.008	
CAPACITY (m3/s		0.484	
AT GRADE VELOCITY (m/s)		4.38	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		7.621% 1 in 13.1	
DEPTH TO INVERT	1.810 1.660		1.466
H.G.L	17.834 17.837		17.938 17.941
INVERT LEVEL	17.609 17.759		17.873
FINISHED SURFACE	19.419		19.339
EXISTING SURFACE	19.387		19.472
PIPE CHAINAGE (Reach Length)	0.000	(1.507)	1.507

Section 06 – 32 (DATUM 11.0)

	06	06–32	32
DESIGN FLOW (m3/s)		0.003	
CAPACITY (m3/s		0.248	
AT GRADE VELOCITY (m/s)		2.25	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		2.000% 1 in 50	
DEPTH TO INVERT	2.176 1.576		1.418
H.G.L	17.320 17.324 17.719		17.807
INVERT LEVEL	17.089 17.689		17.767
FINISHED SURFACE	19.265		19.185
EXISTING SURFACE	19.154		19.477
PIPE CHAINAGE (Reach Length)	0.000	(3.900)	3.900

Section 06 – 33 (DATUM 11.0)

	06	06–33	33
DESIGN FLOW (m3/s)		0.007	
CAPACITY (m3/s		0.248	
AT GRADE VELOCITY (m/s)		2.25	
PIPE SIZE (mm)		375Ø	
PIPE GRADE		2.000% 1 in 50	
DEPTH TO INVERT	2.176 1.576		1.466
H.G.L	17.320 17.324 17.733		17.779 17.781
INVERT LEVEL	17.089 17.689		17.719
FINISHED SURFACE	19.265		19.185
EXISTING SURFACE	19.154		19.476
PIPE CHAINAGE (Reach Length)	0.000	(1.500)	1.500

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ 1:500 — 0 5 10 20 30
VERT 1:50 — 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: DRAINAGE LONGITUDINAL SECTIONS
(SHEET 2 OF 3)

Scale: 1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	401	P1

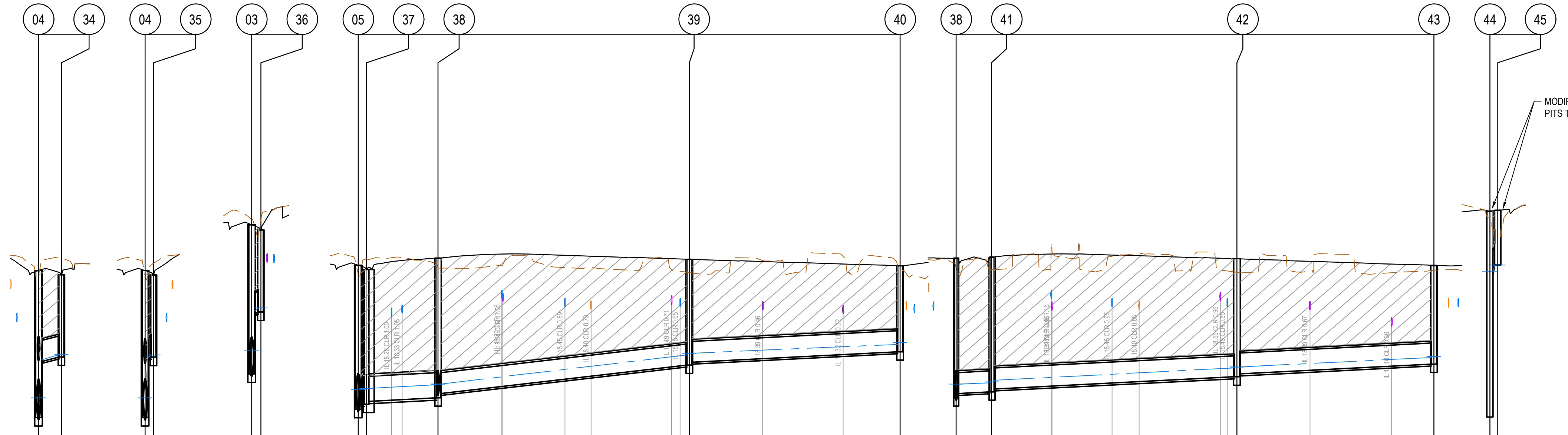
K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-400-DLS.dwg

NOTES:
ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

NOTES:
UTILITIES SHOWN AS PER COUNCIL SUPPLIED SERVICE PROVING DATED 23/02/2026

DIAMETERS AND MATERIAL TYPES NOT KNOWN
ASSET SIZES SHOWN INDICATIVELY ONLY

LEGEND
- EXISTING SURFACE
- DESIGN SURFACE
- DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- 20mm CLASS 3 FCR BACKFILL.
- EXISTING COMMS
- EXISTING ELECTRICITY
- EXISTING WATER



20%AEP

Line 04 – 34

	04	34
DESIGN FLOW (m3/s)	0.003	
CAPACITY (m3/s	0.248	
AT GRADE VELOCITY (m/s)	2.25	
PIPE SIZE (mm)	375Ø	
PIPE GRADE	2.000% / 1 in 50	
DATUM	11.0	
DEPTH TO INVERT	2.625 / 1.625	1.466
H.G.L	16.813 / 16.820 / 17.499	17.591
INVERT LEVEL	16.468 / 17.468	17.550
FINISHED SURFACE	19.093	19.016
EXISTING SURFACE	18.994	19.316
PIPE CHAINAGE (Reach Length)	0.000	4.080 (4.080)

Line 04 – 35

	04	35
DESIGN FLOW (m3/s)	0.003	
CAPACITY (m3/s	0.248	
AT GRADE VELOCITY (m/s)	2.25	
PIPE SIZE (mm)	375Ø	
PIPE GRADE	2.000% / 1 in 50	
DATUM	11.0	
DEPTH TO INVERT	2.625 / 1.576	1.466
H.G.L	16.813 / 16.820 / 17.546	17.586
INVERT LEVEL	16.468 / 17.517	17.547
FINISHED SURFACE	19.093	19.013
EXISTING SURFACE	18.994	19.225
PIPE CHAINAGE (Reach Length)	0.000	1.507 (1.507)

Line 03 – 36

	03	36
DESIGN FLOW (m3/s)	0.010	
CAPACITY (m3/s	0.248	
AT GRADE VELOCITY (m/s)	2.25	
PIPE SIZE (mm)	375Ø	
PIPE GRADE	2.000% / 1 in 50	
DATUM	10.0	
DEPTH TO INVERT	2.664 / 1.592	1.465
H.G.L	16.590 / 16.672 / 17.370	17.421 / 17.425
INVERT LEVEL	16.247 / 17.319	17.352
FINISHED SURFACE	18.911	18.817
EXISTING SURFACE	19.016	19.002
PIPE CHAINAGE (Reach Length)	0.000	1.643 (1.643)

Line 05 – 37 – 38 – 39 – 40

	05	37	38	39	40
DESIGN FLOW (m3/s)	0.108	0.107	0.062	0.033	
CAPACITY (m3/s	0.202	0.202	0.187	0.124	
AT GRADE VELOCITY (m/s)	1.27	1.27	1.69	1.12	
PIPE SIZE (mm)	450Ø	450Ø	375Ø	375Ø	
PIPE GRADE	0.500% / 1 in 200	0.500% / 1 in 200	1.135% / 1 in 88.1	0.500% / 1 in 200	
DATUM	11.0				
DEPTH TO INVERT	2.574 / 2.489	2.401 / 2.351	2.490 / 2.415	1.887 / 1.837	1.535
H.G.L	16.958 / 16.974	16.976 / 16.990	17.055 / 17.068	17.586 / 17.618	17.775 / 17.807
INVERT LEVEL	16.615 / 16.700	16.708 / 16.758	16.821 / 16.896	17.405 / 17.455	17.643
FINISHED SURFACE	19.189	19.109	19.312	19.292	19.178
EXISTING SURFACE	19.038	19.300	19.137	19.057	19.118
PIPE CHAINAGE	0.000	1.501	14.237	59.070	96.661
(Reach Length)		(1.501)	(12.736)	(44.833)	(37.590)

Service crossings (invert level / chainage): 16.79 / 5.94; 7.82; 17.02 / 25.63; 17.03 / 25.80; 17.15 / 36.86; 17.21 / 41.52; 17.37 / 55.89; 17.39 / 57.43; 17.52 / 72.16; 17.59 / 86.49

Line 38 – 41 – 42 – 43

	38	41	42	43
DESIGN FLOW (m3/s)	0.046	0.046	0.026	
CAPACITY (m3/s	0.124	0.124	0.124	
AT GRADE VELOCITY (m/s)	1.12	1.12	1.12	
PIPE SIZE (mm)	375Ø	375Ø	375Ø	
PIPE GRADE	0.500% / 1 in 200	0.500% / 1 in 200	0.500% / 1 in 200	
DATUM	11.0			
DEPTH TO INVERT	2.490 / 2.415	2.402 / 2.352	2.107 / 2.057	1.763
H.G.L	17.055 / 17.068	17.086 / 17.105 / 17.134	17.356 / 17.373	17.539 / 17.559
INVERT LEVEL	16.821 / 16.896	16.928 / 16.978	17.197 / 17.247	17.422
FINISHED SURFACE	19.312	19.330	19.304	19.185
EXISTING SURFACE	19.137	19.106	19.061	19.097
PIPE CHAINAGE	0.000	6.302	50.064	85.188
(Reach Length)		(6.302)	(43.762)	(35.124)

Service crossings (invert level / chainage): 17.03 / 16.96; 17.03 / 17.07; 17.09 / 27.78; 17.11 / 32.62; 17.18 / 47.10; 17.19 / 48.34; 17.31 / 63.08; 17.39 / 77.66

Line 44 – 45

	44	45
DESIGN FLOW (m3/s)	0.000	
CAPACITY (m3/s	0.493	
AT GRADE VELOCITY (m/s)	4.47	
PIPE SIZE (mm)	375Ø	
PIPE GRADE	7.915% / 1 in 12.6	
DATUM	10.0	
DEPTH TO INVERT	3.674 / 1.074	0.977
H.G.L	18.080	18.190
INVERT LEVEL	15.480 / 18.080	18.190
FINISHED SURFACE	19.154	19.167
EXISTING SURFACE	19.020	18.848
PIPE CHAINAGE (Reach Length)	0.000	1.390 (1.390)

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

HORIZ 1:500 — 0 5 10 20 30
VERT 1:50 — 0 0.5 1 2 3
SCALE AT A1 SIZE

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: DRAINAGE LONGITUDINAL SECTIONS
(SHEET 3 OF 3)

Scale: 1:500 H 1:50 V @ A1

Project Ref	Stage No	Drawing No	Rev
2503125	00	402	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Eng_General\Drawings\2503125-00-400-DLS.dwg

PIT SCHEDULE

PIT NAME	PIT TYPE	UD WIDTH (mm)	UD LENGTH (mm)	INTERNAL WIDTH (mm)	INTERNAL LENGTH (mm)	INLET DIAMETER (mm)	INLET INV R.L (mm)	OUTLET DIA.	OUTLET INV R.L (m)	F.S.L	DEPTH (m)	PIT DETAIL	HAUNCH DETAIL	PIT NAME	REMARKS
1	DEPRESSED GRATED PIT	600	900	600	1500	600	16.19		18.19	18.89	3.49	SD455	SD410	1	CONSTRUCT GRATED PIT COVER TO SUIT EXISTING SWALE INVERT
2	GRATED PIT	600	900	900	900	600	16.23	600	16.21	18.95	2.74	SD481	SD410	2	
3	JUNCTION PIT	600	900	900	900	600	16.27	600	16.25	18.91	2.66	SD420	SD410	3	
						375	17.32		17.55	18.91	2.66				
4	JUNCTION PIT	600	900	600	900	600	16.52	600	16.47	19.09	2.63	SD420	-	4	
						375	17.47		17.72	19.09	2.63				
						375	17.52		17.55	19.09	2.63				
5	JUNCTION PIT	600	900	600	900	525	16.69	600	16.62	19.19	2.57	SD420	-	5	
						450	16.70		17.35	19.19	2.57				
6	JUNCTION PIT	600	900	600	900	525	17.14	525	17.09	19.27	2.18	SD420	-	6	
						375	17.69		17.87	19.27	2.18				
						375	17.69		17.77	19.27	2.18				
7	JUNCTION PIT	600	900	600	900	450	17.68	525	17.61	19.42	1.81	SD420	-	7	
						375	17.76		18.15	19.42	1.81				
						375	17.76		17.88	19.42	1.81				
8	JUNCTION PIT	600	900	600	900	375	18.14	450	18.07	19.70	1.63	SD420	-	8	
						375	18.14		19.02	19.70	1.63				
						375	18.14		18.16	19.70	1.63				
9	JUNCTION PIT	600	900	600	900	375	18.83	375	18.78	20.56	1.78	SD420	-	9	
						375	18.83		19.27	20.56	1.78				
						375	18.83		19.02	20.56	1.78				
10	JUNCTION PIT	600	900	1800	900	375	19.21	375	19.16	21.27	2.11	SD420	SD410	10	
						375	19.21		19.97	21.27	2.11				
11	JUNCTION PIT	600	900	600	900	375	19.77	375	19.72	21.51	1.79	SD420	-	11	
						375	19.77		20.97	21.51	1.79				
12	SIDE ENTRY PIT	600	900	600	900	375	19.96	375	19.91	21.56	1.64	SD440	-	12	HEAVY DUTY BOLT DOWN LID
13	JUNCTION PIT	600	900	600	900	375	20.73	375	20.68	22.32	1.64	SD420	-	13	HEAVY DUTY BOLT DOWN LID
						375	20.73		22.11	22.32	1.64				
14	SIDE ENTRY PIT	600	900	600	900	375	21.29	375	21.24	22.86	1.62	SD440	-	14	HEAVY DUTY BOLT DOWN LID
15	SIDE ENTRY PIT	600	900	600	900	375	21.99	375	21.94	23.60	1.67	SD440	-	15	HEAVY DUTY BOLT DOWN LID
						375	21.99		22.17	23.60	1.67				
16	SIDE ENTRY PIT	600	900	600	900	375	22.07	375	22.02	23.73	1.71	SD440	-	16	
						375	22.07		22.11	23.73	1.71				
17	HEADWALL			-	-		22.07	375	22.11	22.51	0.39	-	-	17	SHAPE SWALE TO SUIT HEADWALL
18	SIDE ENTRY PIT	600	900	600	900	375	22.16	375	22.11	23.71	1.60	SD440	-	18	
19	HEADWALL			-	-		22.156	375	22.17	22.55	0.38	-	-	19	SHAPE SWALE TO SUIT HEADWALL
20	INLET CATCH PIT	600	900	600	900		21.985	375	22.11	23.63	1.52	SD460	-	20	CONSTRUCT INLET CATCH PIT TO SUIT EXISTING SWALE
21	END PIPE			-	-		20.725	375	20.97	22.40	1.42	-	-	21	CAP END PIPE AND MARKER POST FOR FUTURE EXTENSION
22	GRATED PIT	600	900	600	900		19.772	375	19.97	21.43	1.47	SD481	-	22	
23	END PIPE			-	-		19.21	375	19.27	19.65	0.38	-	-	23	CAP END PIPE AND MARKER POST FOR FUTURE EXTENSION
24	GRATED PIT	600	900	600	900		18.831	375	19.02	20.48	1.47	SD481	-	24	
25	GRATED PIT	600	900	600	900		18.831	375	19.02	20.48	1.47	SD481	-	25	
26	GRATED PIT	600	900	600	900		18.14	375	18.16	19.63	1.47	SD481	-	26	
27	GRATED PIT	600	900	600	900		18.14	375	18.15	19.62	1.47	SD481	-	27	
29	GRATED PIT	600	900	600	900		17.759	375	17.88	19.34	1.47	SD481	-	29	
31	GRATED PIT	600	900	600	900		17.759	375	17.87	19.34	1.47	SD481	-	31	
32	GRATED PIT	600	900	600	900		17.689	375	17.77	19.19	1.42	SD481	-	32	
33	GRATED PIT	600	900	600	900		17.689	375	17.72	19.19	1.47	SD481	-	33	
34	GRATED PIT	600	900	600	900		17.468	375	17.55	19.02	1.47	SD481	-	34	
35	GRATED PIT	600	900	600	900		17.517	375	17.55	19.01	1.47	SD481	-	35	
36	GRATED PIT	600	900	600	900		17.319	375	17.35	18.82	1.47	SD481	-	36	
37	GRATED PIT	600	900	600	900	450	16.76	450	16.71	19.11	2.40	SD481	-	37	
38	SIDE ENTRY PIT	600	900	600	900	375	16.90	450	16.82	19.31	2.49	SD440	-	38	
						375	16.90		17.64	19.31	2.49				
39	SIDE ENTRY PIT	600	900	600	900	375	17.46	375	17.41	19.29	1.89	SD440	-	39	
40	SIDE ENTRY PIT	600	900	600	900		17.46	375	17.64	19.18	1.54	SD440	-	40	
41	SIDE ENTRY PIT	600	900	600	900	375	16.98	375	16.93	19.33	2.40	SD440	-	41	
42	SIDE ENTRY PIT	600	900	600	900	375	17.25	375	17.20	19.30	2.11	SD440	-	42	
43	SIDE ENTRY PIT	600	900	600	900		17.25	375	17.42	19.19	1.76	SD440	-	43	
44	EXISTING	600	900	-	-	375	18.08		17.42	19.15	3.67	SD420	-	44	MODIFY COVER OF EXISTING PIT TO SUIT FINISHED SURFACE
45	EXISTING	600	900	-	-		18.08	375	18.19	19.17	0.98	SD420	-	45	MODIFY COVER OF EXISTING PIT TO SUIT FINISHED SURFACE

PRELIMINARY PRINT
NOT FOR CONSTRUCTION

© COPYRIGHT All rights reserved
Beveridge Williams & Co. Pty Ltd has granted a licence to the principle to use this document for its intended purpose.
No unauthorised copying is permitted

REV	DESCRIPTION	DATE	DRN.	APP.
P1	ISSUED FOR INFORMATION	22.06.26	LS	LW
P0	ISSUED FOR INFORMATION	05.05.26	LW	NB

REV	DESCRIPTION	DATE	DRN.	APP.

Designed	L. WHITFIELD
Date	05.05.2026
Drawn	L.SUTHERLAND
Checked	N. BALL
Date	05.05.2026
Approved	N. BALL
Reg. No.	PE0008351
Date	05.05.2026
PS Number	-

Beveridge Williams
Development & Infrastructure Consultants
1 Glenferrie Road
Malvern VIC 3144
ph: 03 9524 8888
www.beveridgewilliams.com.au

Project Details: THE ESPLANDADE, SURF BEACH
STAGE 01
BASS COAST SHIRE COUNCIL

Drawing Title: PIT SCHEDULE

Sheet 34 of 34
Scale

Project Ref	Stage No	Drawing No	Rev
2503125	00	403	P1

K:\jobs data\2503125 - The Esplanade Surf Beach_Engl_General\Drawings\2503125-00-400-DLS.dwg